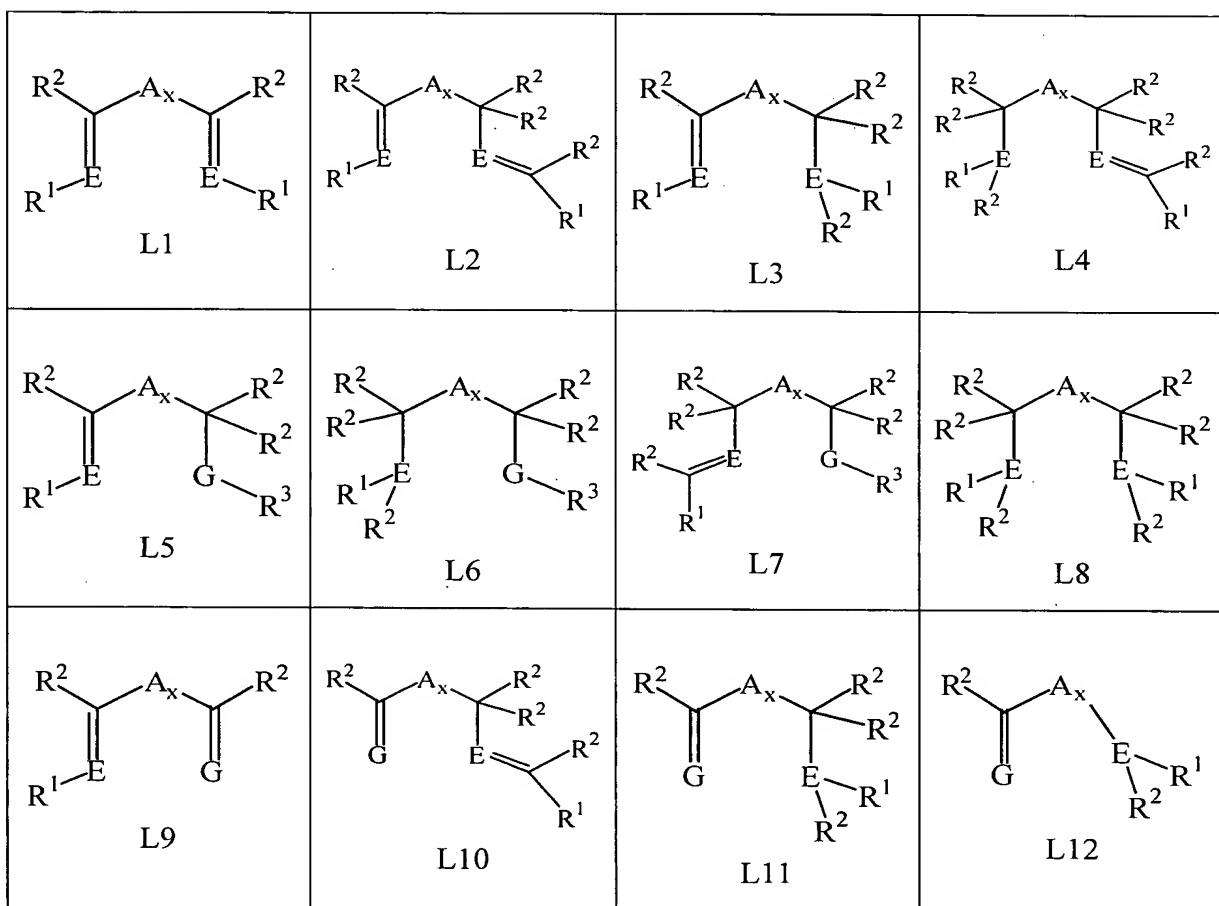


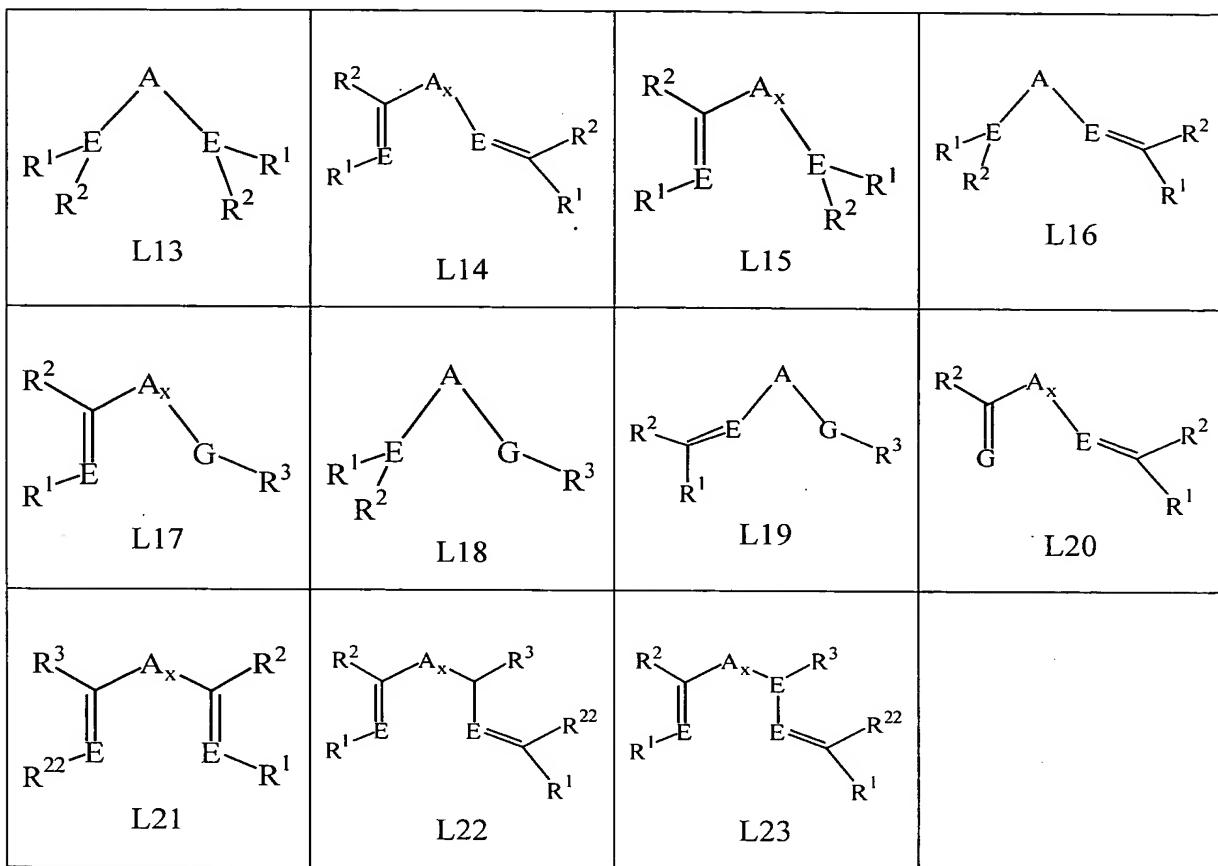
STATEMENT OF CLAIMS

1. (Original) A transition metal compound represented by the formula LMX wherein M is a Group 3 to 11 metal L is a bulky bidentate or tridentate neutral ligand that is bonded to M by two or three heteroatoms and at least one heteroatom is nitrogen; X is a substituted or unsubstituted catecholate ligand provided that the substituted catecholate ligand does not contain a 1,2-diketone functionality.
2. (Original) The compound of claim 1 where M is a Group 8, 9, 10 or 11 metal.
3. (Original) The compound of claim 1 wherein M is Fe, Ru, Os, Co, Rh, Ir, Ni, Pd, Pt, Cu, Ag or Au.
4. (Original) The compound of claim 1 wherein M is Fe, Co, Ni or Pd.
5. (Original) The compound of claim 1 wherein L is not a ligand selected from the group consisting of: substituted and unsubstituted 2,2'-bipyridyl, 2,2'-biquinolinyl, 2,2'-bipyrazinyl, 1,10-phenanthroline, dipyridin-2-yl-amine, dipyridin-2-yl-methane, *N*¹-(2-amino-ethyl)ethane-1,2-diamine, *N*¹-(3-amino-propyl)propane-1,3-diamine, ethane-1,2-diamine, propane-1,3-diamine, cyclohexane-1,2-diamine, *N,N,N',N'*-tetramethylethane-1,2-diamine, methyl-(2-methyliminoethylidene)amine, *N,N'*-bis(naphthalen-1-ylmethylene)ethane-1,2-diamine, *N,N'*-bis(naphthalen-1-ylmethylene)propane-1,3-diamine, *N,N'*-dibenzylidene-propane-1,3-diamine, *N*¹-naphthalen-1-ylmethylene-ethane-1,2-diamine, 2-[(3-amino-propylimino)methyl]phenol, 2,4,4-trimethyl-1,5,9-triaza-cyclododec-1-ene, 1,4,7-trimethyl-[1,4,7]triaxonane, [2,2';6'2"]terpyridine, *N*-[2-dimethylaminoethyl)-*N,N',N'*-trimethylethane-1,2-diamine, cyclopenta[2,1-*b*;3,4-*b*']dipyridin-5-one, 2-(2-pyridylsulfanyl)pyridine, 2-(2-pyridyloxy)pyridine, benzyl-bis(pyridin-2-ylmethyl)amine, 2-pyridin-2-

yl-quinoxaline, N^1 -ethylidene-ethane-1,2-diamine, and bis(1*H*-benzoimidazol-2-ylmethyl)amine where substitution refers to replacing one or more existing hydrogen atoms bonded to carbon with another atom or group of atoms; and 1,4-diaza-1,3-butadiene ligands containing substituents in the 2 and or 3 positions containing trihydrocarbysiloxy groups.

6. (Currently Amended) The compound of ~~any of the above claims~~ claim 1 where L is represented by the formulae:





where each E is, independently, a Group 15 element that is bonded to M, provided that at least one E is nitrogen; G is a Group 16 element that is bonded to M; A is a bridging group containing a Group 13-16 element and an atom within A may optionally be bonded to M; x is 0 or 1; R¹ is, independently, a bulky hydrocarbyl, substituted bulky hydrocarbyl, bulky halocarbyl, or substituted bulky halocarbyl; R² is, independently, hydrogen, or a hydrocarbyl, substituted hydrocarbyl, halocarbyl, or substituted halocarbyl provided that a substituted hydrocarbyl is not substituted with trihydrocarbylsiloxy; R³ is, independently, hydrogen, or a hydrocarbyl, substituted hydrocarbyl, halocarbyl, or substituted halocarbyl provided that a substituted hydrocarbyl is not substituted with trihydrocarbylsiloxy, or R³ is a substituted hydrocarbyl group containing a heteroatom or silicon atom directly bonded to G, E or the indicated carbon

atom; R²² is, independently, hydrogen, or a hydrocarbyl, substituted hydrocarbyl, halocarbyl, or substituted halocarbyl provided that a substituted hydrocarbyl is not substituted with trihydrocarbylsiloxy; and where

R¹, R² and/or R³ groups on the same atom, adjacent atoms or those separated by one additional atom may join together to form a substituted or unsubstituted, saturated, partially unsaturated or aromatic cyclic or polycyclic ring structure provided that for L1, both pair of R¹ and R² do not join to form a substituted or unsubstituted pyridine, pyrazine, pyrimidine or benzimidazole ring;

R²² and R³ may join together to form a substituted or unsubstituted, saturated, partially unsaturated or aromatic heterocyclic ring structure provided that for L21 and L22, R¹ and R² do not join to form a substituted or unsubstituted pyridine, pyrazine, pyrimidine or benzimidazole ring; and two R² bonded to the same atom together may form an –one (=O), a thione (=S), an –imine (=NR^{'''}), or a –carbene (=CR^{'''}₂) group where R^{'''} is independently, hydrogen, hydrocarbyl, substituted hydrocarbyl, halocarbyl or substituted halocarbyl and two or more R^{'''} on the same carbon may join together to form a substituted or unsubstituted, saturated, partially unsaturated, or aromatic cyclic or polycyclic substituent.

7. (Original) The compound of claim 1 where L is represented by the formulae L*1 to L*410: where R¹ is, independently, a bulky hydrocarbyl, substituted bulky hydrocarbyl, bulky halocarbyl, or substituted bulky halocarbyl; R² is, independently, hydrogen, or a hydrocarbyl, substituted hydrocarbyl, halocarbyl, or substituted halocarbyl provided that a substituted hydrocarbyl is not substituted with trihydrocarbylsiloxy; R³ is, independently, hydrogen, or a hydrocarbyl, substituted hydrocarbyl, halocarbyl, or substituted halocarbyl provided that a substituted hydrocarbyl is not substituted with trihydrocarbylsiloxy, or R³ is a substituted hydrocarbyl group containing a heteroatom or silicon atom directly bonded to G, E or the indicated carbon atom; R²² is,

independently, hydrogen, or a hydrocarbyl, substituted hydrocarbyl, halocarbyl, or substituted halocarbyl provided that a substituted hydrocarbyl is not substituted with trihydrocarbysiloxy; and where

R^1 , R^2 and/or R^3 groups on the same atom, adjacent atoms or those separated by one additional atom may join together to form a substituted or unsubstituted, saturated, partially unsaturated or aromatic cyclic or polycyclic ring structure provided that for L1, both pair of R^1 and R^2 do not join to form a substituted or unsubstituted pyridine, pyrazine, pyrimidine or benzimidazole ring;

R^{22} and R^3 may join together to form a substituted or unsubstituted, saturated, partially unsaturated or aromatic heterocyclic ring structure provided that for L21 and L22, R^1 and R^2 do not join to form a substituted or unsubstituted pyridine, pyrazine, pyrimidine or benzimidazole ring; and two R^2 bonded to the same atom together may form an –one (=O), a thione (=S), an –imine (=NR''''), or a –carbene (=CR'''')₂ group where R''' is independently, hydrogen, hydrocarbyl, substituted hydrocarbyl, halocarbyl or substituted halocarbyl and two or more R''' on the same carbon may join together to form a substituted or unsubstituted, saturated, partially unsaturated, or aromatic cyclic or polycyclic substituent.

8. (Original) The compound of claim 6 or 7, where R^1 is selected from the group consisting of: all isomers and hydrocarbyl substituted isomers of propyl, butyl, pentyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl, dodecyl, tridecyl, tetradecyl, pentadecyl, hexadecyl, heptadecyl, octadecyl, nonadecyl, eicosyl, heneicosyl, docosyl, tricosyl, tetracosyl, pentacosyl, hexacosyl, heptacosyl, octacosyl, nonacosyl, triacontyl, propenyl, butenyl, pentenyl, hexenyl, heptenyl, octenyl, nonenyl, decenyl, undecenyl, dodecenyl, tridecenyl, tetradecenyl, pentadecenyl, hexadecenyl, heptadecenyl, octadecenyl, nonadecenyl, eicosenyl, heneicosenyl, docosenyl, tricosenyl, tetracosenyl, pentacosenyl, hexacosenyl, heptacosenyl, octacosenyl, nonacosenyl, triacontenyl, propynyl, butynyl,

pentynyl, hexynyl, heptynyl, octynyl, nonynyl, decynyl, undecynyl, dodecynyl, tridecynyl, tetradecynyl, pentadecynyl, hexadecynyl, heptadecynyl, octadecynyl, nonadecynyl, eicosynyl, heneicosynyl, docosynyl, tricosynyl, tetracosynyl, pentacosynyl, hexacosynyl, heptacosynyl, octacosynyl, nonacosynyl, and triacontynyl; perfluoropropyl, perfluorobutyl, perfluoropentyl, perfluorohexyl, perfluoroheptyl, perfluoroctyl, perfluorononyl, perfluorodecyl, perfluoroundecyl, perfluorododecyl, perfluorotridecyl, perfluorotetradecyl, perfluoropentadecyl, perfluorohexadecyl, perfluoroheptadecyl, perfluorooctadecyl, perfluorononadecyl, perfluoroeicosyl, perfluoroheneicosyl, perfluorodocosyl, perfluorotricosyl, perfluorotetracosyl, perfluoropentacosyl, perfluorohexacosyl, perfluoroheptacosyl, perfluoroctacosyl, perfluorononacosyl, perfluorotriacontyl, perfluorobutetyl, perfluorobutynyl, fluoropropyl, fluorobutyl, fluoropentyl, fluorohexyl, fluorheptyl, fluorooctyl, fluorononyl, fluorodecyl, fluoroundecyl, fluorododecyl, fluorotridecyl, fluorotetradecyl, fluoropentadecyl, fluorohexadecyl, fluorheptadecyl, fluoroctadecyl, fluorononadecyl, fluoroeicosyl, fluoroheneicosyl, fluorodocosyl, fluorotricosyl, fluorotetracosyl, fluoropentacosyl, fluorohexacosyl, fluorheptacosyl, fluorooctacosyl, fluoronoronacosyl, fluorotriacontyl, difluorobutyl, trifluorobutyl, tetrafluorobutyl, pentafluorobutyl, hexafluorobutyl, heptafluorobutyl, octafluorobutyl; methoxypropyl, methoxybutyl, methoxypentyl, methoxyhexyl, methoxyheptyl, methoxyoctyl, methoxynonyl, methoxydecyl, methoxyundecyl, methoxydodecyl, methoxytridecyl, methoxytetradecyl, methoxypentadecyl, methoxyhexadecyl, methoxyheptadecyl, methoxyoctadecyl, methoxynonadecyl, methoxyeicosyl, methoxyheneicosyl, methoxydocosyl, methoxytricosyl, methoxytetracosyl, methoxypentacosyl, methoxyhexacosyl, methoxyheptacosyl, methoxyoctacosyl, methoxynonacosyl, methoxytriacontyl, butoxypropyl, butoxybutyl, butoxypentyl, butoxyhexyl, butoxyheptyl, butoxyoctyl, butoxynonyl, butoxydecyl, butoxyundecyl, butoxydodecyl, butoxytridecyl,

butoxytetradecyl, butoxypentadecyl, butoxyhexadecyl, butoxyheptadecyl,
butoxyoctadecyl, butoxynonadecyl, butoxyeicosyl, butoxyheneicosyl,
butoxydocosyl, butoxytricosyl, butoxytetracosyl, butoxypentacosyl,
butoxyhexacosyl, butoxyheptacosyl, butoxyoctacosyl, butoxynonacosyl,
butoxytriacontyl, dimethylaminopropyl, dimethylaminobutyl,
dimethylaminopentyl, dimethylaminohexyl, dimethylaminoheptyl,
dimethylaminoctyl, dimethylaminononyl, dimethylaminodecyl,
dimethylaminoundecyl, dimethylaminododecyl, dimethylaminotridecyl,
dimethylaminotetradecyl, dimethylaminopentadecyl,
dimethylaminohexadecyl, dimethylaminoheptadecyl,
dimethylaminoctadecyl, dimethylaminononadecyl,
dimethylaminoeicosyl, dimethylaminoheneicosyl, dimethylaminodocosyl,
dimethylaminotricosyl, dimethylaminotetracosyl,
dimethylaminopentacosyl, dimethylaminohexacosyl,
dimethylaminoheptacosyl, dimethylaminoctacosyl,
dimethylaminononacosyl, dimethylaminotriacontyl, trimethylsilylpropyl,
trimethylsilylbutyl, trimethylsilylpentyl, trimethylsilylhexyl,
trimethylsilylheptyl, trimethylsilyloctyl, trimethylsilylnonyl,
trimethylsilyldecyl, trimethylsilylundecyl, trimethylsilyldodecyl,
trimethylsilyltridecyl, trimethylsilyltetradecyl, trimethylsilylpentadecyl,
trimethylsilylhexadecyl, trimethylsilylheptadecyl, trimethylsilyloctadecyl,
trimethylsilylnonadecyl, trimethylsilyleicosyl, trimethylsilylheneicosyl,
trimethylsilyldocosyl, trimethylsilylricosyl, trimethylsilyltetracosyl,
trimethylsilylpentacosyl, trimethylsilylhexacosyl, trimethylsilylheptacosyl,
trimethylsilyloctacosyl, trimethylsilylnonacosyl, trimethylsilyltriacytanyl,
methylphenyl, dimethylphenyl, trimethylphenyl, tetramethylphenyl,
pentamethylphenyl ethylphenyl, diethylphenyl, triethylphenyl,
tetraethylphenyl, pentaethylphenyl, propylphenyl, dipropylphenyl,
tripropylphenyl, tetrapropylphenyl, pentapropylphenyl butylphenyl,
dibutylphenyl, tributylphenyl, tetrabutylphenyl, pentabutylphenyl,
hexylphenyl, dihexylphenyl, trihexylphenyl, tetrahexylphenyl,
pentaheptylphenyl, dimethylethylphenyl, dimethylpropylphenyl,

dimethylbutylphenyl, dimethylpentylphenyl, dimethylhexylphenyl,
diethylmethylphenyl, diethylpropylphenyl, diethylbutylphenyl,
diethylpentylphenyl, diethylhexylphenyl, dipropylmethylphenyl,
dipropylethylphenyl, dipropylbutylphenyl, dipropylpentylphenyl,
dipropylhexylphenyl, dibutylmethylphenyl, dibutylethylphenyl,
dibutylpropylphenyl, dibutylpentylphenyl, dibutylhexylphenyl,
methylethylphenyl, methylpropylphenyl, methylbutylphenyl,
methylpentylphenyl, methylhexylphenyl, ethylpropylphenyl,
ethylbutylphenyl, ethylpentylphenyl, ethylhexylphenyl, propylbutylphenyl,
propylpentylphenyl, propylhexylphenyl, butylpentylphenyl,
butylhexylphenyl, methoxyphenyl, ethoxyphenyl, propoxyphenyl,
butoxyphenyl, pentoxyphenyl, hexoxyphenyl, dimethoxyphenyl,
phenoxyphenyl, methylmethoxyphenyl, dimethylaminophenyl,
dipropylaminophenyl, bis(dimethylamino)phenyl,
methyl(dimethylamino)phenyl, trimethylsilylphenyl,
trimethylgermylphenyl, trifluoromethylphenyl, bis(trifluoromethyl)phenyl,
trifluoromethoxyphenyl, halophenyl, dihalophenyl, trihalophenyl,
tetrahalophenyl, and pentahalophenyl, halomethylphenyl,
dihalomethylphenyl, trihalomethylphenyl, tetrahalomethylphenyl,
haloethylphenyl, dihaloethylphenyl, trihaloethylphenyl,
tetrahaloethylphenyl, halopropylphenyl, dihalopropylphenyl,
trihalopropylphenyl, tetrahalopropylphenyl, halobutylphenyl,
dihalobutylphenyl, trihalobutylphenyl, tetrahalobutylphenyl,
dihalodimethylphenyl, dihalo(trifluoromethyl)phenyl (where halo is,
independently, fluoro, chloro, bromo and iodo), methylbenzyl,
dimethylbenzyl, trimethylbenzyl, tetramethylbenzyl, pentamethylbenzyl
ethylbenzyl, diethylbenzyl, triethylbenzyl, tetraethylbenzyl,
pentaethylbenzyl, propylbenzyl, dipropylbenzyl, tripropylbenzyl,
tetrapropylbenzyl, pentapropylbenzyl butylbenzyl, dibutylbenzyl,
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trimethylsilyl, trimethylgermyl, trimethylstannyl, trimethylplumbyl,
triethylsilyl, triethylgermyl, dimethylethylsilyl, dimethylethylgermyl,
diethylmethylsilyl, diethylmethylgermyl, triphenylsilyl, triphenylgermyl,
triphenoxysilyl, triphenoxygermyl, trimethoxysilyl, trimethoxygermyl,
triethoxysilyl, triethoxygermyl, and all isomers of tripropylsilyl,
tripropylgermyl, tributylsilyl, tributylgermyl, tripropoxysilyl,
tripropoxygermyl, tributoxysilyl, tributoxygermyl, tris(trifluormethyl)silyl,
bis(perfluoromethyl)methylsilyl, pyrenyl, aceanthrylenyl, acenaphthylene,
acephenanthrylenyl, azulenyl biphenylenyl, chrysanyl, coronenyl,
fluoranthenyl, fluorenyl, heptacenyl, heptalenyl, heptaphenyl, hexacenyl,
hexaphenyl, *as*-indacenyl, *s*-indecenyl, indenyl, ovalenyl, pentacenyl,
pentalenyl, pentaphenyl, perylenyl, phenalenyl, phenanthrenyl, picenyl,
pleiadetyl, pyranhrenyl, rubicenyl, naphthacenyl, tetraphenylenyl,
trinaphthylenyl, triphenylenyl, hexahelicenyl, naphthyl, anthracenyl,
dibenza[*a,b*]anthracenyl, indanyl, acenaphthenyl, cholanthrenyl,

aceanthrenyl, acephenanthrenyl, 1,2,3,4-tetrahydronaphthalene, fulleranyl,
cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cyclohexenyl,
cycloheptyl, cyclooctyl, cyclononyl, cyclodecyl, cycloundecyl, and
cyclododecyl, dimethylcyclohexyl, norbornyl, norbornenyl, adamantyl,
cubanyl, prismanyl, spiro[4,5]decanyl, biphenyl, bicyclopentyl, terphenyl,
quatercyclohexanyl, binaphthyl, binorbornyl, phenyl-terphenyl, 1,1-
diphenylmethano, 1,1-dinaphthyletheno, acridarsinyl, acridinyl,
acridophosphinyl, 1*H*-acrindolinyl, anthrazinyl, anthyridinyl,
arsanthridinyl, arsindolyl, arsindolizinyl, arsinolinyl, arsinolizinyl,
benzofuranyl, carbazolyl, β -carbolinyl, chromenyl, thiochromenyl,
cinnolinyl, furanyl, imidazolyl, indazolyl, indolyl, indolizinyl,
isoarsindolyl, isoarsinolinyl, isobenzofuranyl, isochromenyl,
isothiochromenyl, isoindolyl, isophosphindolyl, isophosphinolinyl,
isoquinolinyl, isothiazolyl, isoxazolyl, naphthyridinyl, oxazolyl,
perimidinyl, phenanthrazinyl, phenanthridinyl, phenanthrolinyl,
phenazinyl, phosphanthridinyl, phosphindolyl, phosphindolizinyl,
phosphinolizinyl, phthalazinyl, pteridinyl, phthaloperinyl, purinyl, pyranyl,
thiopyranal, pyrazinyl, pyrazolyl, pyridazinyl, pyridinyl, pyridinyl,
pyrimidinyl, pyrrolyl, pyrrolizinyl, quinazolinyl, quindolinyl, 1*H*-
quinindolinyl, quinolinyl, quinolizinyl, quinoxalinyl, selenophenyl,
thebenidinyl, thiazolyl, thiophenyl, triphenodioxazinyl,
triphenodithiazinyl, xanthenyl, chromanyl, thiochromanyl, imidazolidinyl,
indolinyl, isochromanyl, isothiochromanyl, isoindolinyl, morpholinyl,
piperazinyl, piperidinyl, pyrozolidinyl, pyrrolidinyl, quinuclidinyl,
dimethylacridarsinyl, dimethylacridinyl, dimethylacridophosphinyl,
dimethyl-1*H*-acrindolinyl, dimethylanthrazinyl, dimethylanthyridinyl,
dimethylarsanthridinyl, dimethylarsindolyl, dimethylarsindolizinyl,
dimethylarsinolinyl, dimethylarsinolizinyl, dibutylbenzofuranyl,
dibutylcarbazolyl, dibutyl- β -carbolinyl, dibutylchromenyl,
dibutylthiochromenyl, butylcinnolinyl, dibutylfuranyl, dimethylimidazolyl,
dimethylindazolyl, dipropylindolyl, dipropylindolizinyl,
dimethylisoarsindolyl, methylisoarsinolinyl, dimethylisobenzofuranyl,

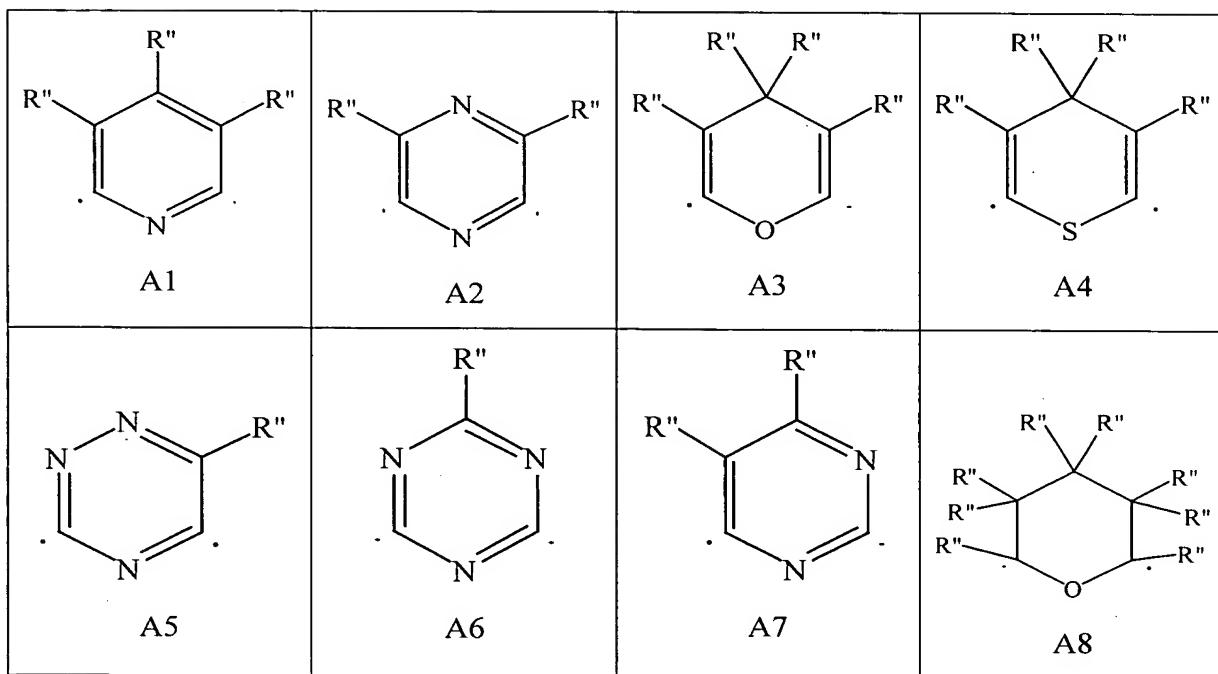
diphenylisochromenyl, dibutylisothiochromenyl, phenylisoindolyl, butylisophosphindolyl, dibutylisophosphinoliny, dimethylisoquinolinyl, methylisothiazolyl, butylisoxazolyl, butylnaphthyridinyl, dimethyloxazolyl, methylphenylperimidinyl, tetrabutylphenanthrazinyl, propylphenanthridinyl, dibutylphenanthrolinyl, tetramethylphenazinyl, butylphosphanthridinyl, phenylphosphindolyl, dimethylphosphindolizinyl, methylphosphinolizinyl, dibutylphthalazinyl, trimethylpteridinyl, methylphthaloperinyl, dimethylpurinyl, dibutylpyranyl, dibutylthiopyranal, trimethylpyrazinyl, phenylpyrazolyl, dipropylpyridazinyl, dimethylpyridinyl, methylpropylpyrindinyl, triethylpyrimidinyl, dibutylpyrrolyl, diethylpyrrolizinyl, dibutylquinazolinyl, dibutylquindolinyl, dibutyl-1*H*-quinindolinyl, dimethylquinolinyl, propylquinolizinyl, methylquinoxaliny, methylbutylselenophenyl, methylthebenidinyl, dimethylthiazolyl, trimethylthiophenyl, dibutyltriphenodioxazinyl, dibutyltriphenodithiazinyl, dibutylxanthenyl, trimethylchromanyl, dimethylthiochromanyl, dimethylimidazolidinyl, dimethylindolinyl, dibutylisochromanyl, dibutylisothiochromanyl, phenylisoindolinyl, dibutylmorpholinyl, dimethylpiperazinyl, dimethylpiperidinyl, dimethylpyrozolidinyl, dimethylpyrrolidinyl, bipyridyl, pyrido[2,1,6-*de*]quinolizinyl, hexamethylquinuclidinyl, 5,7-dioxa-6-phosphadibenzo[*a,c*]cycloheptene-6-oxide, and 9-oxa-10-phosphaphenanthrene-10-oxide.

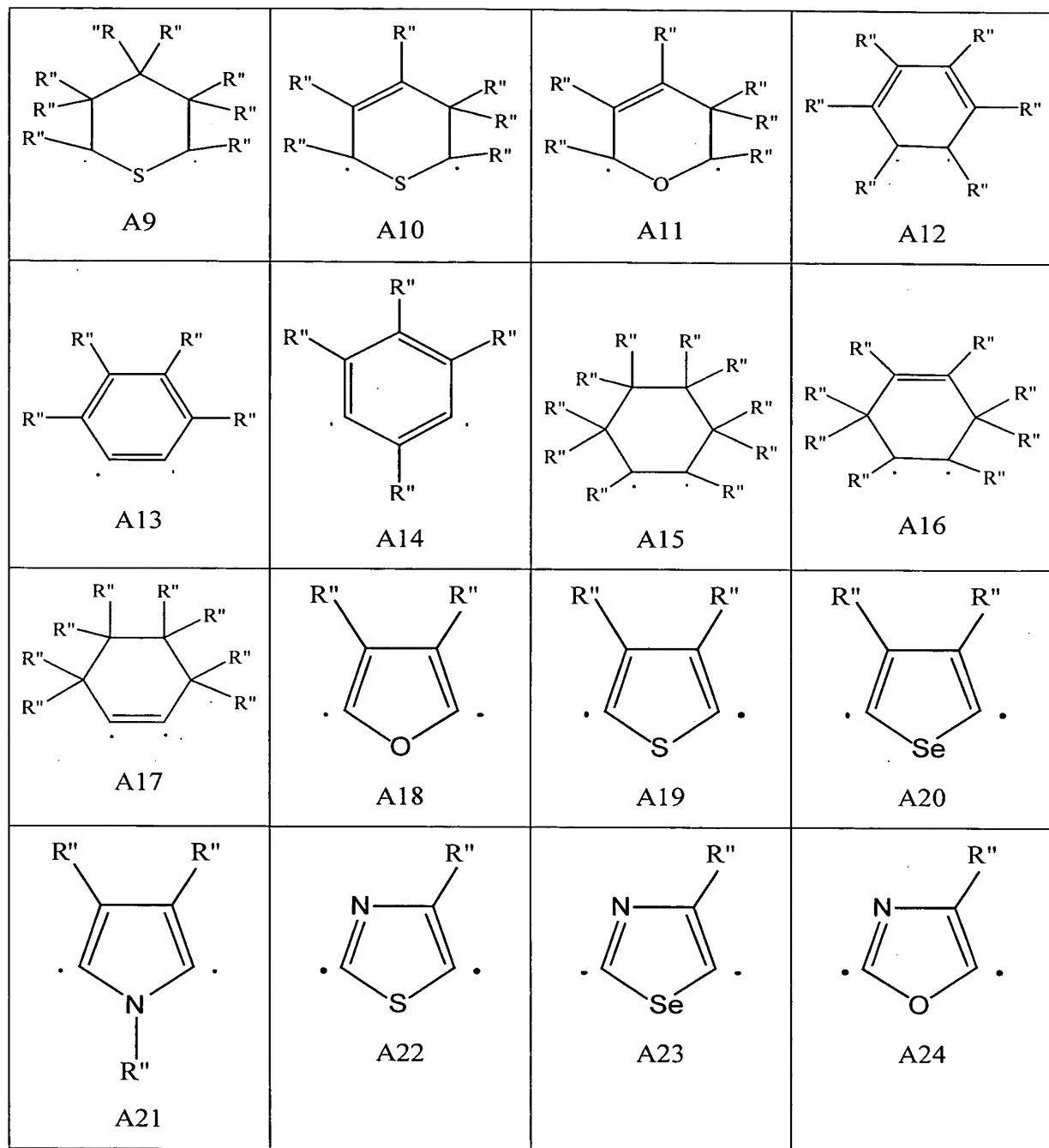
9. (Original) The compound of claim 6 where A is represented by the following formulae:

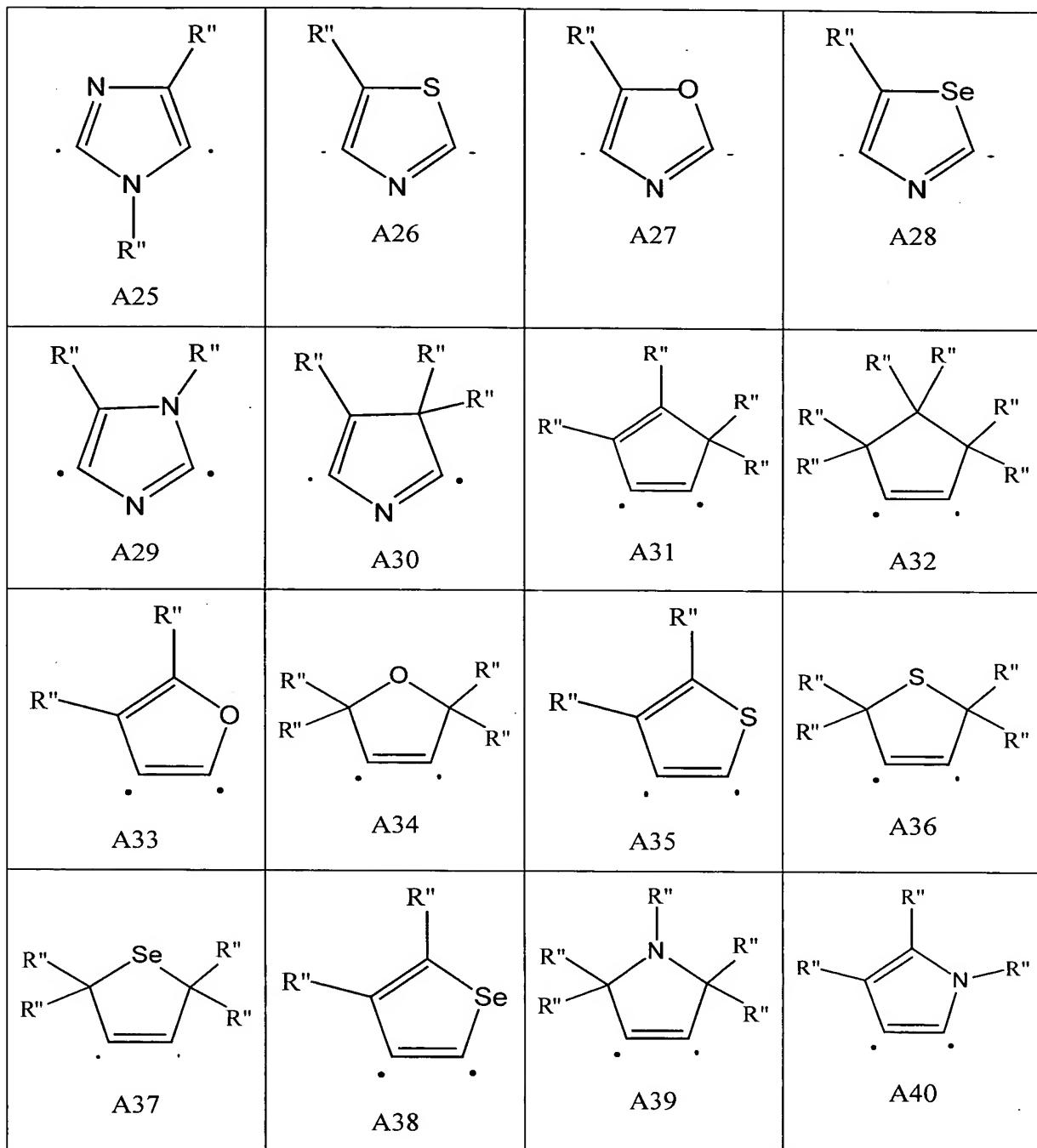
R'^2C , R'^2Si , R'^2Ge , R'^2CCR' , $R'^2CCR'CR'$, $R'^2CCR'CR'CR'$,
 $R'C=CR'$, $R'C=CR'CR'$, $R'^2CCR'=CR'CR'$, $R'C=CR'CR'=CR'$,
 $R'C=CR'CR'CR'$, R'^2CSiR' , R'^2SiSiR' , $R'^2CSiR'CR'$,
 $R'^2SiCR'SiR'$, $R'C=CR'SiR'$, R'^2CGeR' , R'^2GeGeR' ,
 $R'^2CGeR'CR'$, $R'^2GeCR'GeR'$, R'^2SiGeR' , $R'C=CR'GeR'$, $R'B$,
 R'^2C-BR' , $R'^2C-BR'-CR'$, $R'N$, $R'P$, O , S , Se , $C(=O)C(=O)$,

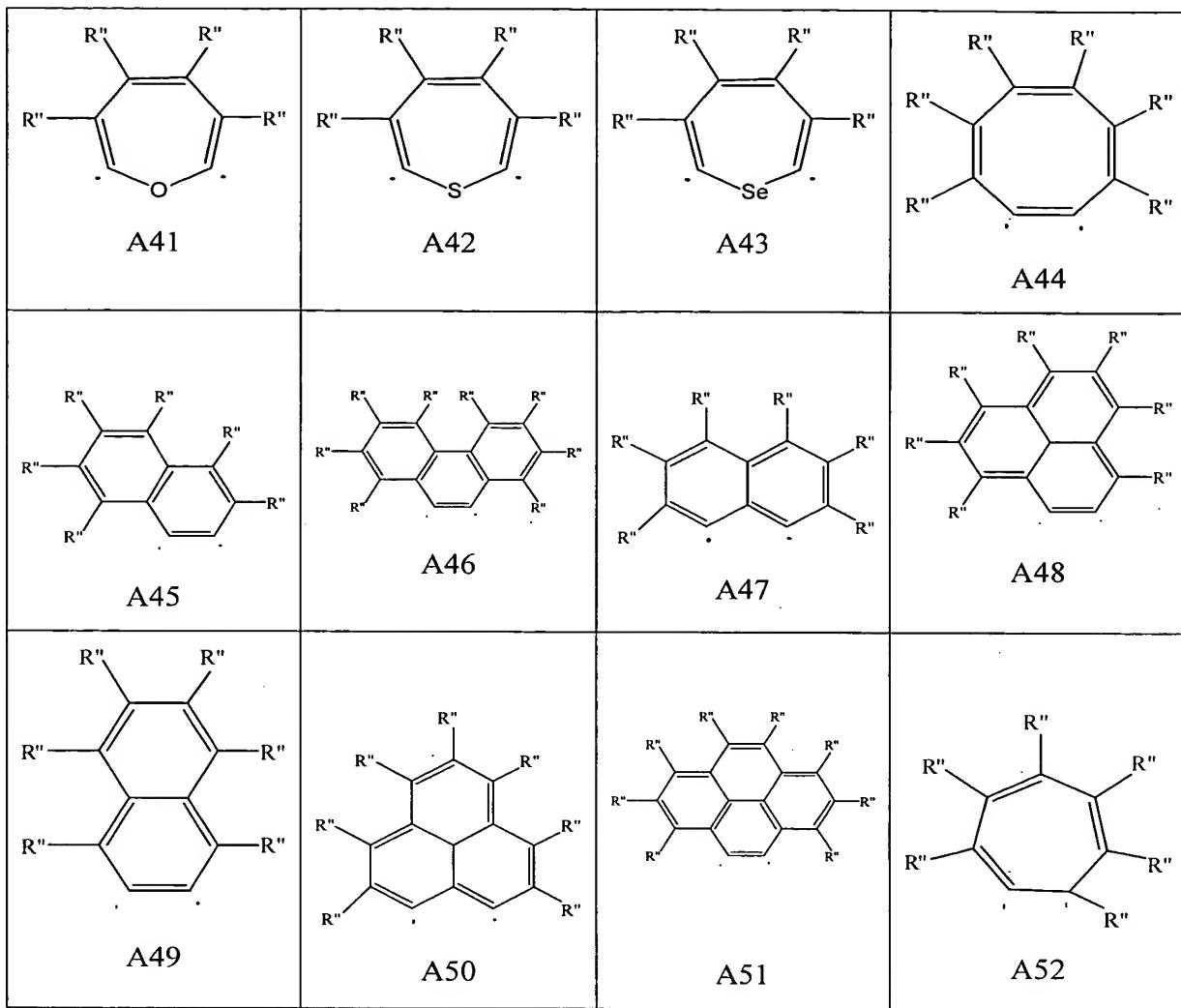
$R''_2CC(=O)$, $R''_2CC(=O)CR''_2$, $R''_2C-O-CR''_2$, $R''_2CR''_2C-O-CR''_2CR''_2$,
 $R''_2C-O-CR''_2CR''_2$, $R''_2C-O-CR''=CR'$, $R''_2C-S-CR''_2$, $R''_2CR''_2C-S-$
 $CR''_2CR''_2$, $R''_2C-S-CR''_2CR''_2$, $R''_2C-S-CR''=CR'$, $R''_2C-Se-CR''_2$,
 $R''_2CR''_2C-Se-CR''_2CR''_2$, $R''_2C-Se-CR''_2CR''_2$, $R''_2C-Se-CR''=CR'$, R''_2C-
 $N=CR'$, $R''_2C-NR''-CR''_2$, $R''_2C-NR''-CR''_2CR''_2$, $R''_2C-NR''-CR''=CR'$,
 $R''_2CR''_2C-NR''-CR''_2CR''_2$, $R''_2C-P=CR'$, and $R''_2C-PR''-CR''_2$ where each
 R' is, independently, hydrogen, hydrocarbyl, substituted hydrocarbyl,
halocarbyl or substituted halocarbyl provided that a substituted
hydrocarbyl is not substituted with trihydrocarbylsiloxy, and two or more
 R' on the same carbon or adjacent R' may join together to form a
substituted or unsubstituted, saturated, partially unsaturated, or aromatic
cyclic or polycyclic substituent.

10. (Original) The compound of claim 6 where A is represented by the formulae:



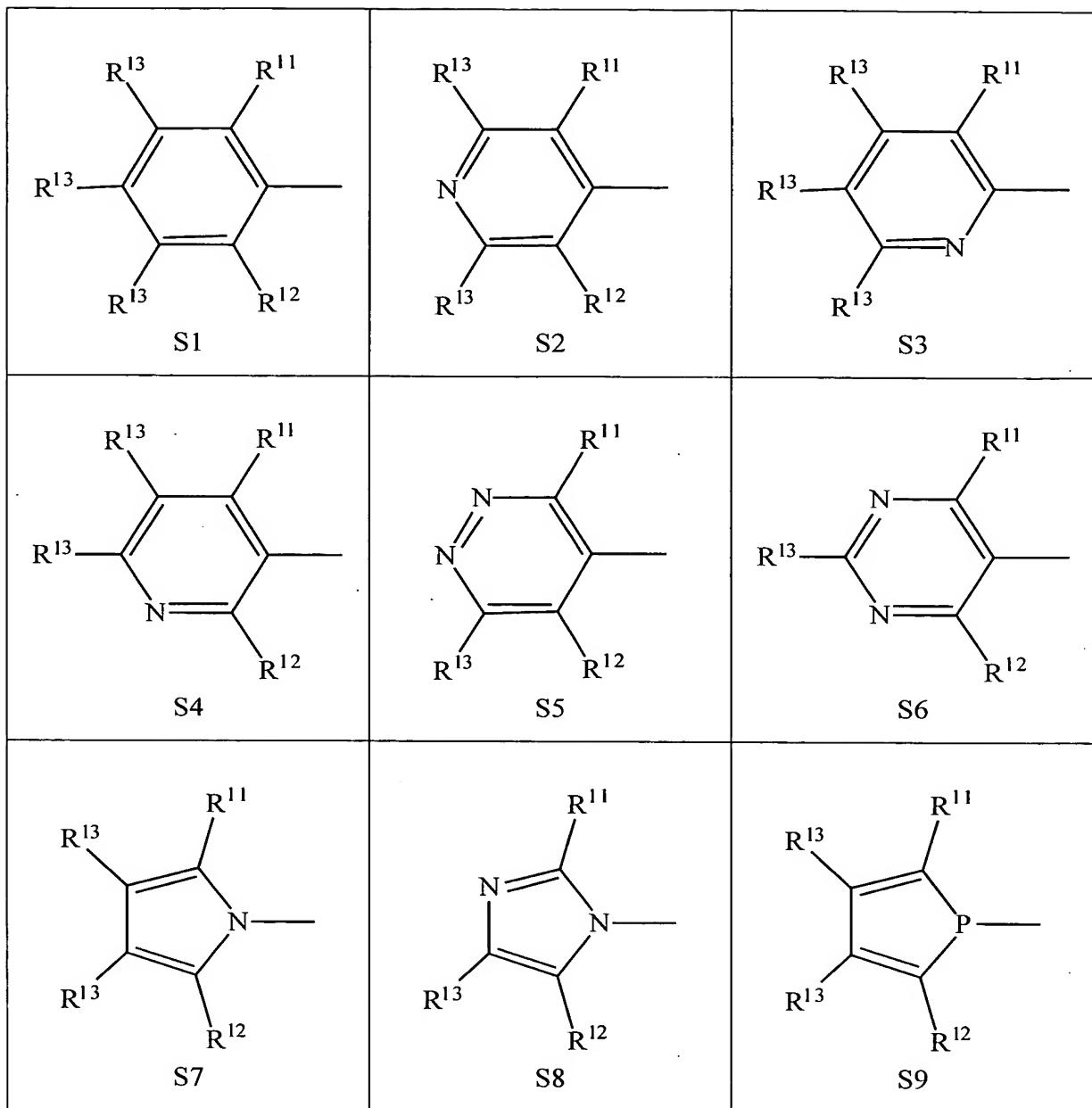


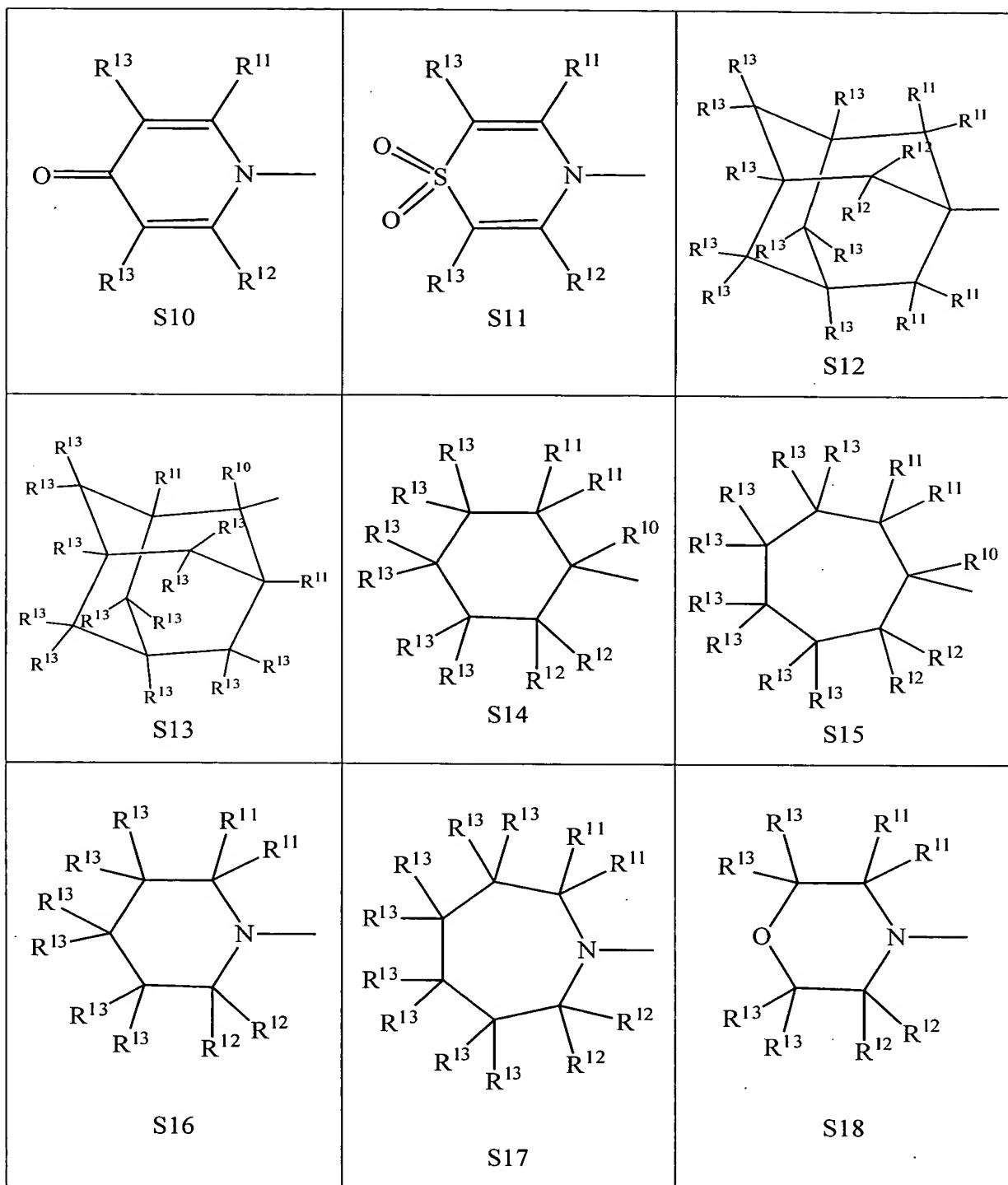


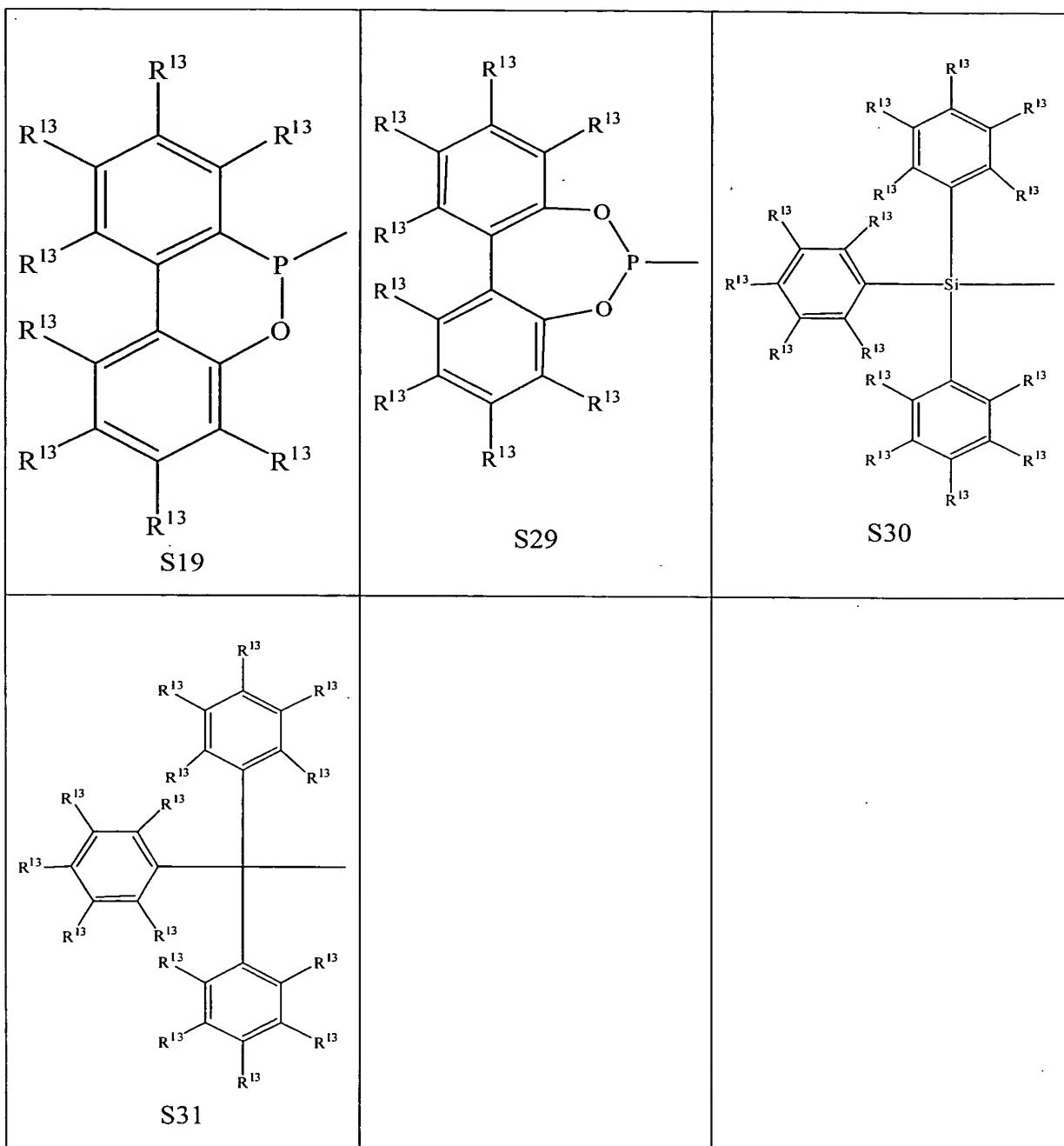


where R'' is, independently, hydrogen, hydrocarbyl, substituted hydrocarbyl, halocarbyl or substituted halocarbyl provided that a substituted hydrocarbyl is not substituted with trihydrocarbysiloxy, and two or more R'' on the same carbon or adjacent R'' may join together to form a substituted or unsubstituted, saturated, partially unsaturated, or aromatic cyclic or polycyclic substituent and where the bonding points are designated by the dots.

11. (Original) The compound of claim 6 or 7 where R¹ is represented by the formulae:







where R^{10} , R^{11} , R^{12} , and R^{13} are, independently, hydrogen, hydrocarbyl radicals, substituted hydrocarbyl radicals, halocarbyl radicals, substituted halocarbyl radicals, silylcarbyl radicals or polar radicals and

R^{10} , R^{11} , R^{12} , and/or R^{13} on the same atom or adjacent atoms may join together to form a substituted or unsubstituted saturated, partially unsaturated or aromatic cyclic or polycyclic ring structure.

12. (Original) The composition of claim 11 wherein R^{10} , R^{11} , R^{12} , and R^{13} are, independently selected from the group consisting of: hydrogen, methyl, ethyl, ethenyl, ethynyl and all isomers of propyl, butyl, pentyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl, dodecyl, tridecyl, tetradecyl, pentadecyl, hexadecyl, heptadecyl, octadecyl, nonadecyl, eicosyl, heneicosyl, docosyl, tricosyl, tetracosyl, pentacosyl, hexacosyl, heptacosyl, octacosyl, nonacosyl, triacontyl, propenyl, butenyl, pentenyl, hexenyl, heptenyl, octenyl, nonenyl, decenyl, undecenyl, dodecenyl, tridecenyl, tetradecenyl, pentadecenyl, hexadecenyl, heptadecenyl, octadecenyl, nonadecenyl, eicosenyl, heneicosenyl, docosenyl, tricosenyl, tetracosenyl, pentacosenyl, hexacosenyl, heptacosenyl, octacosenyl, nonacosenyl, triacontenyl, propynyl, butynyl, pentynyl, hexynyl, heptynyl, octynyl, nonynyl, decynyl, undecynyl, dodecynyl, tridecynyl, tetradecynyl, pentadecynyl, hexadecynyl, heptadecynyl, octadecynyl, nonadecynyl, eicosynyl, heneicosynyl, docosynyl, tricosynyl, tetracosynyl, pentacosynyl, hexacosynyl, heptacosynyl, octacosynyl, nonacosynyl, triacontynyl, perfluoropropyl, perfluorobutyl, perfluoropentyl, perfluorohexyl, perfluoroheptyl, perfluoroctyl, perfluorononyl, perfluorodecyl, perfluoroundecyl, perfluorododecyl, perfluorotridecyl, perfluorotetradecyl, perfluoropentadecyl, perfluorohexadecyl, perfluoroheptadecyl, perfluoroctadecyl, perfluorononadecyl, perfluoroeicosyl, perfluoroheneicosyl, perfluorodocosyl, perfluorotricosyl, perfluorotetracosyl, perfluoropentacosyl, perfluorohexacosyl, perfluoroheptacosyl, perfluoroctacosyl, perfluorononacosyl, perfluorotriacontyl, perfluorobutenyl, perfluorobutynyl, fluoropropyl, fluorobutyl, fluoropentyl, fluorohexyl, fluoroheptyl, fluorooctyl, fluorononyl, fluorodecyl, fluoroundecyl, fluorododecyl, fluorotridecyl, fluorotetradecyl, fluoropentadecyl, fluorohexadecyl, fluoroheptadecyl,

fluoroctadecyl, fluorononadecyl, fluoroeicosyl, fluoroheneicosyl,
fluorodocosyl, fluorotricosyl, fluorotetracosyl, fluoropentacosyl,
fluorohexacosyl, fluoroheptacosyl, fluorooctacosyl, fluorononacosyl,
fluorotriacontyl, difluorobutyl, trifluorobutyl, tetrafluorobutyl,
pentafluorobutyl, hexafluorobutyl, heptafluorobutyl, octafluorobutyl,
methoxypropyl, methoxybutyl, methoxypentyl, methoxyhexyl,
methoxyheptyl, methoxyoctyl, methoxynonyl, methoxydecyl,
methoxyundecyl, methoxydodecyl, methoxytridecyl, methoxytetradecyl,
methoxypentadecyl, methoxyhexadecyl, methoxyheptadecyl,
methoxyoctadecyl, methoxynonadecyl, methoxyeicosyl,
methoxyheneicosyl, methoxydocosyl, methoxytricosyl, methoxytetracosyl,
methoxypentacosyl, methoxyhexacosyl, methoxyheptacosyl,
methoxyoctacosyl, methoxynonacosyl, methoxytriacontyl, butoxypropyl,
butoxybutyl, butoxypentyl, butoxyhexyl, butoxyheptyl, butoxyoctyl,
butoxynonyl, butoxydecyl, butoxyundecyl, butoxydodecyl, butoxytridecyl,
butoxytetradecyl, butoxypentadecyl, butoxyhexadecyl, butoxyheptadecyl,
butoxyoctadecyl, butoxynonadecyl, butoxyeicosyl, butoxyheneicosyl,
butoxydocosyl, butoxytricosyl, butoxytetracosyl, butoxypentacosyl,
butoxyhexacosyl, butoxyheptacosyl, butoxyoctacosyl, butoxynonacosyl,
butoxytriacontyl, dimethylaminopropyl, dimethylaminobutyl,
dimethylaminopentyl, dimethylaminohexyl, dimethylaminoheptyl,
dimethylaminoctyl, dimethylaminononyl, dimethylaminodecyl,
dimethylaminoundecyl, dimethylaminododecyl, dimethylaminotridecyl,
dimethylaminotetradecyl, dimethylaminopentadecyl,
dimethylaminohexadecyl, dimethylaminoheptadecyl,
dimethylaminoctadecyl, dimethylaminononadecyl,
dimethylaminoeicosyl, dimethylaminoheneicosyl, dimethylaminodocosyl,
dimethylaminotricosyl, dimethylaminotetracosyl,
dimethylaminopentacosyl, dimethylaminohexacosyl,
dimethylaminoheptacosyl, dimethylaminoctacosyl,
dimethylaminononacosyl, dimethylaminotriacontyl, trimethylsilylpropyl,
trimethylsilylbutyl, trimethylsilylpentyl, trimethylsilylhexyl,

trimethylsilylheptyl, trimethylsilyloctyl, trimethylsilylnonyl,
trimethylsilyldecyl, trimethylsilylundecyl, trimethylsilyldodecyl,
trimethylsilyltridecyl, trimethylsilyltetradecyl, trimethylsilylpentadecyl,
trimethylsilylhexadecyl, trimethylsilylheptadecyl, trimethylsilyloctadecyl,
trimethylsilylnonadecyl, trimethylsilyleicosyl, trimethylsilylheneicosyl,
trimethylsilyldocosyl, trimethylsilyltricosyl, trimethylsilyltetracosyl,
trimethylsilylpentacosyl, trimethylsilylhexacosyl, trimethylsilylheptacosyl,
trimethylsilyloctacosyl, trimethylsilylnonacosyl, trimethylsilyltriadecyl,
phenyl, methylphenyl, dimethylphenyl, trimethylphenyl,
tetramethylphenyl, pentamethylphenyl ethylphenyl, diethylphenyl,
triethylphenyl, tetraethylphenyl, pentaethylphenyl, propylphenyl,
dipropylphenyl, tripropylphenyl, tetrapropylphenyl, pentapropylphenyl
butylphenyl, dibutylphenyl, tributylphenyl, tetrabutylphenyl,
pentabutylphenyl, hexylphenyl, dihexylphenyl, trihexylphenyl,
tetrahexylphenyl, pentahexylphenyl, dimethylethylphenyl,
dimethylpropylphenyl, dimethylbutylphenyl, dimethylpentylphenyl,
dimethylhexylphenyl, diethylmethylphenyl, diethylpropylphenyl,
diethylbutylphenyl, diethylpentylphenyl, diethylhexylphenyl,
dipropylmethylphenyl, dipropylethylphenyl, dipropylbutylphenyl,
dipropylpentylphenyl, dipropylhexylphenyl, dibutylmethylphenyl,
dibutylethylphenyl, dibutylpropylphenyl, dibutylpentylphenyl,
dibutylhexylphenyl, methylethylphenyl, methylpropylphenyl,
methylbutylphenyl, methylpentylphenyl, methylhexylphenyl,
ethylpropylphenyl, ethylbutylphenyl, ethylpentylphenyl, ethylhexylphenyl,
propylbutylphenyl, propylpentylphenyl, propylhexylphenyl,
butylpentylphenyl, butylhexylphenyl, trimethylsilylphenyl,
trimethylgermylphenyl, trifluoromethylphenyl, bis(trifluoromethyl)phenyl,
halophenyl, dihalophenyl, trihalophenyl, tetrahalophenyl, pentahalophenyl;
halomethylphenyl, dihalomethylphenyl, trihalomethylphenyl,
tetrahalomethylphenyl, haloethylphenyl, dihaloethylphenyl,
trihaloethylphenyl, tetrahaloethylphenyl, halopropylphenyl,
dihalopropylphenyl, trihalopropylphenyl, tetrahalopropylphenyl,

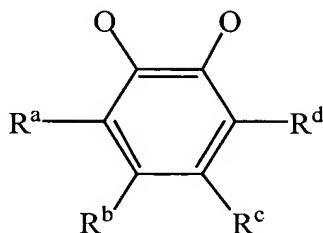
halobutylphenyl, dihalobutylphenyl, trihalobutylphenyl,
tetrahalobutylphenyl, dihalodimethylphenyl, dihalo(trifluoromethyl)phenyl
(where halo is, independently, fluoro, chloro, bromo and iodo), benzyl,
methylbenzyl, dimethylbenzyl, trimethylbenzyl, tetramethylbenzyl,
pentamethylbenzyl ethylbenzyl, diethylbenzyl, triethylbenzyl,
tetraethylbenzyl, pentaethylbenzyl, propylbenzyl, dipropylbenzyl,
tripropylbenzyl, tetrapropylbenzyl, pentapropylbenzyl butylbenzyl,
dibutylbenzyl, tributylbenzyl, tetrabutylbenzyl, pentabutylbenzyl,
hexylbenzyl, dihexylbenzyl, trihexylbenzyl, tetrahexylbenzyl,
pentaethylbenzyl, dimethylethylbenzyl, dimethylpropylbenzyl,
dimethylbutylbenzyl, dimethylpentylbenzyl, dimethylhexylbenzyl,
diethylmethylbenzyl, diethylpropylbenzyl, diethylbutylbenzyl,
diethylpentylbenzyl, diethylhexylbenzyl, dipropylmethylbenzyl,
dipropylethylbenzyl, dipropylbutylbenzyl, dipropylpentylbenzyl,
dipropylhexylbenzyl, dibutylmethylbenzyl, dibutylethylbenzyl,
dibutylpropylbenzyl, dibutylpentylbenzyl, dibutylhexylbenzyl,
methylethylbenzyl, methylpropylbenzyl, methylbutylbenzyl,
methylpentylbenzyl, methylhexylbenzyl, ethylpropylbenzyl,
ethylbutylbenzyl, ethylpentylbenzyl, ethylhexylbenzyl, propylbutylbenzyl,
propylpentylbenzyl, propylhexylbenzyl, butylpentylbenzyl,
butylhexylbenzyl, trimethylsilylbenzyl, bis(trimethylsilyl)benzyl,
trimethylgermylbenzyl, diphenylmethyl, trimethylsilyl, trimethylgermyl,
trimethylstannyl, trimethylplumbyl, triethylsilyl, triethylgermyl,
dimethylethylsilyl, dimethylethylgermyl, diethylmethylsilyl,
diethylmethylgermyl, triphenylsilyl, triphenylgermyl, tripropylsilyl,
tripropylgermyl, tributylsilyl, tributylgermyl, tris(trifluoromethyl)silyl,
bis(perfluoromethyl)methylsilyl, pyrenyl, aceanthrylenyl, acenaphthylene,
acephenanthrylenyl, azulenyl biphenylenyl, chrysanyl, coronenyl,
fluoranthenyl, fluorenyl, heptacenyl, heptalenyl, heptaphenyl, hexacenyl,
hexaphenyl, *as*-indacenyl, *s*-indecenyl, indenyl, ovalenyl, pentacenyl,
pentalenyl, pentaphenyl, perylenyl, phenalenyl, phenanthrenyl, picenyl,
pleiadetyl, pyranhrenyl, rubicenyl, naphthacenyl, tetraphenylenyl,

trinaphthylencyl, triphenylenyl, hexahelicenyl, naphthyl, anthracenyl, dibenza[*a,b*]anthracenyl, indanyl, acenaphthenyl, cholanthrenyl, aceanthrenyl, acephenanthrenyl, 1,2,3,4-tetrahydronaphthalene, fulleretyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cyclohexenyl, cycloheptyl, cyclooctyl, cyclononyl, cyclodecyl, cycloundecyl, and cyclododecyl, dimethylcyclohexyl, norbornyl, norbornenyl, adamantyl, cubanyl, prismanyl, spiro[4,5]decanyl, biphenyl, bicyclopentyl, terphenyl, quatercyclohexanyl, binaphthyl, binorbornyl, phenyl-terphenyl, 1,1-diphenylmethano, 1,1-dinaphthyletheno, acridarsinyl, acridinyl, acridophosphinyl, 1*H*-acridolinyl, anthrazinyl, anthyridinyl, arsanthridinyl, arsindolyl, arsindolizinyl, arsinoliny, arsinolizinyl, benzofuranyl, carbazolyl, β -carbolinyl, chromenyl, thiochromenyl, cinnolinyl, furanyl, imidazolyl, indazolyl, indolyl, indolizinyl, isoarsindolyl, isoarsinoliny, isobenzofuranyl, isochromenyl, isothiochromenyl, isoindolyl, isophosphindolyl, isophosphinoliny, isoquinolinyl, isothiazolyl, isoxazolyl, naphthyridinyl, oxazolyl, perimidinyl, phenanthrazinyl, phenanthridinyl, phenanthrolinyl, phenazinyl, phosphanthridinyl, phosphindolyl, phosphindolizinyl, phosphinolizinyl, phthalazinyl, pteridinyl, phthaloperinyl, purinyl, pyranyl, thiopyranal, pyrazinyl, pyrazolyl, pyridazinyl, pyridinyl, pyridinyl, pyrimidinyl, pyrrolyl, pyrrolizinyl, quinazolinyl, quindolinyl, 1*H*-quinindolinyl, quinolinyl, quinolizinyl, quinoxalinyl, selenophenyl, thebenidinyl, thiazolyl, thiophenyl, triphenodioxazinyl, triphenodithiazinyl, xanthenyl, chromanyl, thiochromanyl, imidazolidinyl, indolinyl, isochromanyl, isothiochromanyl, isoindolinyl, morpholinyl, piperazinyl, piperidinyl, pyrozolidinyl, pyrrolidinyl, quinuclidinyl, dimethylacridarsinyl, dimethylacridinyl, dimethylacridophosphinyl, dimethyl-1*H*-acridolinyl, dimethylanthrazinyl, dimethylanthyridinyl, dimethylarsanthridinyl, dimethylarsindolyl, dimethylarsindolizinyl, dimethylarsinoliny, dimethylarsinolizinyl, dibutylbenzofuranyl, dibutylcarbazolyl, dibutyl- β -carbolinyl, dibutylchromenyl, dibutylthiochromenyl, butylcinnolinyl, dibutylfuranyl, dimethylimidazolyl,

dimethyllindazolyl, dipropylindolyl, dipropylindolizinyl,
 dimethylisoarsindolyl, methylisoarsinoliny, dimethylisobenzofuranyl,
 diphenylisochromenyl, dibutylisothiochromenyl, phenylisoindolyl,
 butylisophosphindolyl, dibutylisophosphinoliny, dimethylisoquinoliny,
 methylisothiazolyl, butylisoxazolyl, butylnaphthyridinyl,
 dimethyloxazolyl, methylphenylperimidinyl, tetrabutylphenanthrazinyl,
 propylphenanthridinyl, dibutylphenanthrolinyl, tetramethylphenazinyl,
 butylphosphanthridinyl, phenylphosphindolyl, dimethylphosphindolizinyl,
 methylphosphinolizinyl, dibutylphthalazinyl, trimethylpteridinyl,
 methylphthaloperinyl, dimethylpurinyl, dibutylpyranyl, dibutylthiopyranal,
 trimethylpyrazinyl, phenylpyrazolyl, dipropylpyridazinyl,
 dimethylpyridinyl, methylpropylpyrindinyl, triethylpyrimidinyl,
 dibutylpyrrolyl, diethylpyrrolizinyl, dibutylquinazolinyl,
 dibutylquindolinyl, dibutyl-1*H*-quinindolinyl, dimethylquinoliny,
 propylquinolizinyl, methylquinoxalinyl, methylbutylselenophenyl,
 methylthebenidinyl, dimethylthiazolyl, trimethylthiophenyl,
 dibutyltriphenodioxazinyl, dibutyltriphenodithiazinyl, dibutylxanthenyl,
 trimethylchromanyl, dimethylthiochromanyl, dimethylimidazolidinyl,
 dimethylindolinyl, dibutylisochromanyl, dibutylisothiochromanyl,
 phenylisoindolinyl, dibutylmorpholinyl, dimethylpiperazinyl,
 dimethylpiperidinyl, dimethylpyrozolidinyl, dimethylpyrrolidinyl,
 bipyridyl, pyrido[2,1,6-*d*e]quinolizinyl, hexamethylquinuclidinyl, 5,7-
 dioxa-6-phosphadibenzo[*a,c*]cycloheptene-6-oxide, 9-oxa-10-
 phosphaphhenanthrene-10-oxide, methoxy, ethoxy, propoxy, butoxy,
 pentoxy, phenoxy, dimethylphenoxy, dimethylamino, diethylamino,
 dipropylamino, methylethylamino, methylpropylamino, ethylpropylamino,
 diphenylamino, methylphenylamino, and ethylphenylamino.

13. (Original) The compound of claim 11 where at least one R¹¹ and/or at least one R¹² are independently methyl, ethyl, *n*-propyl, *iso*-propyl, *n*-butyl, *sec*-butyl, *iso*-butyl, *tert*-butyl, phenyl, napthyl, diphenylmethyl, or trifluoromethyl.

14. (Original) The compound of claim 1 wherein X is represented by the formulae:



where each O is bonded to M, and where R^a, R^b, R^c and R^d are, independently, selected from the group consisting of hydrogen, methyl, ethyl, ethenyl, ethynyl, and all isomers of propyl, butyl, pentyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl, dodecyl, tridecyl, tetradecyl, pentadecyl, hexadecyl, heptadecyl, octadecyl, nonadecyl, eicosyl, heneicosyl, docosyl, tricosyl, tetracosyl, pentacosyl, hexacosyl, heptacosyl, octacosyl, nonacosyl, triacontyl, propenyl, butenyl, pentenyl, hexenyl, heptenyl, octenyl, nonenyl, decenyl, undecenyl, dodecenyl, tridecenyl, tetradecenyl, pentadecenyl, hexadecenyl, heptadecenyl, octadecenyl, nonadecenyl, eicosenyl, heneicosenyl, docosenyl, tricosenyl, tetracosenyl, pentacosenyl, hexacosenyl, heptacosenyl, octacosenyl, nonacosenyl, triacontenyl, propynyl, butynyl, pentynyl, hexynyl, heptynyl, octynyl, nonynyl, decynyl, undecynyl, dodecynyl, tridecynyl, tetradecynyl, pentadecynyl, hexadecynyl, heptadecynyl, octadecynyl, nonadecynyl, eicosynyl, heneicosynyl, docosynyl, tricosynyl, tetracosynyl, pentacosynyl, hexacosynyl, heptacosynyl, octacosynyl, nonacosynyl, and triacontynyl, phenyl, napthyl, anthracenyl, pyrenyl, biphenyl, benzyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclooctyl, cyclononyl, cyclodecyl, cycloundecyl, cyclododecyl, fluoro, chloro, bromo, iodo, trimethylsilyl, triethylsilyl, tripropylsilyl, dimethylethylsilyl, diethylmethylsilyl, trimethoxysilyl, tirethoxysilyl, tripropoxysilyl, methoxy, ethoxy, propoxy, butoxy, phenoxy, or a nitro, carboxylic acid,

ester, ketone (excluding 1,2-diketones) or aldehyde group; and optionally, R^a, R^b, R^c or R^d can connect to form substituted or unsubstituted, saturated, partially unsaturated or aromatic ring structures.

15. (Original) The compound of claim 1 where the transition metal compound is [1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],
[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],
[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],
[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],
[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],
[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],
[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],
[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],
[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],
[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],
[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],

[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*iso*-propylcatecholate],

[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-dimethylcatecholate],

[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],

[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],

[1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],

[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butylcatecholate],

[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],

[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],

[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],

[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],

[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],

[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],

[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butylcatecholate],

[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],

[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],
[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],
[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*iso*-propylcatecholate],
[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],
[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],
[2,3-dimethyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butylcatecholate],

[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[3,5-di-*tert*-butyl-6-chlorocatecholate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[3,5-di-*tert*-butyl-6-nitrocatecholate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[3,4,6-tri-*iso*-propylcatecholate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[3,6-di-*iso*-propylcatecholate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*tert*-butylcatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],

[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*iso*-propylcatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-3-propyl-1,4-bis-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],
[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],
[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],
[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],
[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],
[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],
[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],
[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],

[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],

[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,5-di-*tert*-butylcatecholate],

[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],

[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],

[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],

[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*iso*-propylcatecholate],

[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],

[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],

[1,2-bis-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butylcatecholate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butylcatecholate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*iso*-propylcatecholate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-dimethylcatecholate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],

[1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],

[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butylcatecholate],

[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],

[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],

[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],

[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[3,6-di-*tert*-butyl-4-methoxycatecholate],
[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],
[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],
[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[3,6-di-*tert*-butyl-4-cyclohexylcatecholate],
[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[3,5-di-*tert*-butylcatecholate],
[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[3,5-di-*tert*-butyl-6-chlorocatecholate],
[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[3,5-di-*tert*-butyl-6-nitrocatecholate],
[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[3,4,6-tri-*iso*-propylcatecholate],
[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[3,6-di-*iso*-propylcatecholate],
[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],
[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],
[2,3-dimethyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II)
[1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],
[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],
[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],

[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],

[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],

[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],

[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],

[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butylcatecholate],

[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],

[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],

[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],

[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*iso*-propylcatecholate],

[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],

[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],

[2-methyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],

[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butylcatecholate],

[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],

[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,5-di-*tert*-butylcatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,4,6-tri-*iso*-propylcatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [3,6-di-*iso*-propylcatecholate],
[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-3-propyl-1,4-bis-(2,6-dimethylphenyl)-1,4-diaza-1,3-butadiene]
nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],
[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-
butylcatecholate],
[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-
chlorocatecholate],

[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],

[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],

[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],

[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],

[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],

[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [3,5-di-*tert*-butylcatecholate],

[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],

[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],

[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],

[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [3,6-di-*iso*-propylcatecholate],

[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],

[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],

[1,2-bis-(2,6-dimethylphenylimino)acenaphthene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butylcatecholate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butylcatecholate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*iso*-propylcatecholate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-dimethylcatecholate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],

[1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*iso*-propylcatecholate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],

[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],
[2,3-dimethyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],
[2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],
[2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],
[2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],
[2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],
[2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],
[2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],
[2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],
[2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],
[2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],
[2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],
[2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*iso*-propylcatecholate],

[2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate], [2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate], [2-methyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate], [2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butylcatecholate], [2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate], [2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate], [2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate], [2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate], [2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate], [2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate], [2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate], [2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate], [2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butylcatecholate], [2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate], [2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate], [2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],

[2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*iso*-propylcatecholate],
[2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,8-tetra-*tert*-butylbibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-3-propyl-1-(2,6-dimethylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],
[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],
[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],
[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],
[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],
[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],
[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],
[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],
[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],
[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,5-di-*tert*-butylcatecholate],

[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],

[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],

[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],

[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*iso*-propylcatecholate],

[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],

[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],

[1-(2,6-dimethylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],

[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butylcatecholate],

[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],

[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],

[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],

[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],

[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],

[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],

[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],
[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],
[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],
[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*iso*-propylcatecholate],
[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-dimethylcatecholate],
[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],
[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],
[1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-bromocatecholate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dibromocatecholate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],

[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*iso*-propylcatecholate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],
[2,3-dimethyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],

[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*iso*-propylcatecholate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [3,6-di-*iso*-propylcatecholate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],
[2-methyl-3-propyl-1-(2,5-di-*tert*-butylphenyl)-4-(2,6-di-*iso*-propylphenyl)-1,4-diaza-1,3-butadiene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butylcatecholate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-chlorocatecholate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-fluorocatecholate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4,5-difluorocatecholate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-methoxycatecholate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-*iso*-propylcatecholate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*tert*-butyl-4-cyclohexylcatecholate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,5-di-*tert*-butylcatecholate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,5-di-*tert*-butyl-6-chlorocatecholate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,5-di-*tert*-butyl-6-nitrocatecholate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,4,6-tri-*iso*-propylcatecholate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [3,6-di-*iso*-propylcatecholate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [1,4,6,8-tetra-*tert*-butyldibenzo[1,4]dioxine-2,3-diolate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [1,4,6,7,8,9-hexachlorodibenzo[1,4]dioxine-2,3-diolate],

[1-(2,5-di-*tert*-butylphenylimino)-2-(2,6-di-*iso*-propylphenylimino)acenaphthene] nickel(II) [1,4,6,7,8,9-hexabromodibenzo[1,4]dioxine-2,3-diolate],
[1,2-bis-(2,6-dimethylphenylimino)-cyclohexane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2,3-bis-(2,6-dimethylphenylimino)-[1,4]dithiane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2,3-bis-(2,6-dimethylphenylimino)-piperazine] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1,4-dimethyl-2,3-bis-(2,6-dimethylphenylimino)-piperazine] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2,3-bis-(2,6-dimethylphenylimino)-bicyclo[2.2.1]-heptane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1,4-dimethyl-2,3-bis-(2,6-dimethylphenylimino)-[1,4]diazepane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1-methyl-2,3-bis-(2,6-dimethylphenylimino)-cyclopentane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[5-methyl-2,3-bis-(2,6-dimethylphenylimino)-tetrahydrofuran] nickel(II) [3,6-di-*tert*-butylcatecholate],
[5-methyl-2,3-bis-(2,6-dimethylphenylimino)-2,3-dihydrohydrofuran] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1,2-bis-(2,6-di-*iso*-propylphenylimino)-cyclohexane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2,3-bis-(2,6-di-*iso*-propylphenylimino)-[1,4]dithiane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2,3-bis-(2,6-di-*iso*-propylphenylimino)-piperazine] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1,4-dimethyl-2,3-bis-(2,6-di-*iso*-propylphenylimino)-piperazine] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2,3-bis-(2,6-di-*iso*-propylphenylimino)-bicyclo[2.2.1]-heptane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1,4-dimethyl-2,3-bis-(2,6-di-*iso*-propylphenylimino)-[1,4]diazepane] nickel(II) [3,6-di-*tert*-butylcatecholate],

[1-methyl-2,3-bis-(2,6-di-*iso*-propylphenylimino)-cyclopentane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[5-methyl-2,3-bis-(2,6-di-*iso*-propylphenylimino)-tetrahydrofuran] nickel(II) [3,6-di-*tert*-butylcatecholate],
[5-methyl-2,3-bis-(2,6-di-*iso*-propylphenylimino)-2,3-dihydrohydrofuran] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1-(2,6-di-*iso*-propylphenylimino)-2-(2,6-dimethylphenylimino)-cyclohexane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-[1,4]dithiane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-piperazine] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1,4-dimethyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-piperazine] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-bicyclo[2.2.1]-heptane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1,4-dimethyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-[1,4]diazepane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1-methyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-cyclopentane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[5-methyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-tetrahydrofuran] nickel(II) [3,6-di-*tert*-butylcatecholate],
[5-methyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-2,3-dihydrohydrofuran] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1-(2,6-di-*iso*-propylphenylimino)-2-(2,5-di-*tert*-butylphenylimino)-cyclohexane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-[1,4]dithiane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-piperazine] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1,4-dimethyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-piperazine] nickel(II) [3,6-di-*tert*-butylcatecholate],

[2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-bicyclo[2.2.1]-heptane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1,4-dimethyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-[1,4]diazepane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1-methyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-cyclopentane] nickel(II) [3,6-di-*tert*-butylcatecholate],
[5-methyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-tetrahydrofuran] nickel(II) [3,6-di-*tert*-butylcatecholate],
[5-methyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-2,3-dihydrohydrofuran] nickel(II) [3,6-di-*tert*-butylcatecholate],
[1,2-bis-(2,6-dimethylphenylimino)-cyclohexane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2,3-bis-(2,6-dimethylphenylimino)-[1,4]dithiane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2,3-bis-(2,6-dimethylphenylimino)-piperazine] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1,4-dimethyl-2,3-bis-(2,6-dimethylphenylimino)-piperazine] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2,3-bis-(2,6-dimethylphenylimino)-bicyclo[2.2.1]-heptane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1,4-dimethyl-2,3-bis-(2,6-dimethylphenylimino)-[1,4]diazepane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1-methyl-2,3-bis-(2,6-dimethylphenylimino)-cyclopentane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[5-methyl-2,3-bis-(2,6-dimethylphenylimino)-tetrahydrofuran] nickel(II) [3,5-di-*tert*-butylcatecholate],
[5-methyl-2,3-bis-(2,6-dimethylphenylimino)-2,3-dihydrohydrofuran] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1,2-bis-(2,6-di-*iso*-propylphenylimino)-cyclohexane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2,3-bis-(2,6-di-*iso*-propylphenylimino)-[1,4]dithiane] nickel(II) [3,5-di-*tert*-butylcatecholate],

[2,3-bis-(2,6-di-*iso*-propylphenylimino)-piperazine] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1,4-dimethyl-2,3-bis-(2,6-di-*iso*-propylphenylimino)-piperazine] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2,3-bis-(2,6-di-*iso*-propylphenylimino)-bicyclo[2.2.1]-heptane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1,4-dimethyl-2,3-bis-(2,6-di-*iso*-propylphenylimino)-[1,4]diazepane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1-methyl-2,3-bis-(2,6-di-*iso*-propylphenylimino)-cyclopentane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[5-methyl-2,3-bis-(2,6-di-*iso*-propylphenylimino)-tetrahydrofuran] nickel(II) [3,5-di-*tert*-butylcatecholate],
[5-methyl-2,3-bis-(2,6-di-*iso*-propylphenylimino)-2,3-dihydrohydrofuran] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1-(2,6-di-*iso*-propylphenylimino)-2-(2,6-dimethylphenylimino)-cyclohexane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-[1,4]dithiane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-piperazine] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1,4-dimethyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-piperazine] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-bicyclo[2.2.1]-heptane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1,4-dimethyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-[1,4]diazepane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1-methyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-cyclopentane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[5-methyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-tetrahydrofuran] nickel(II) [3,5-di-*tert*-butylcatecholate],
[5-methyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,6-dimethylphenylimino)-2,3-dihydrohydrofuran] nickel(II) [3,5-di-*tert*-butylcatecholate],

[1-(2,6-di-*iso*-propylphenylimino)-2-(2,5-di-*tert*-butylphenylimino)-cyclohexane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-[1,4]dithiane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-piperazine] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1,4-dimethyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-piperazine] nickel(II) [3,5-di-*tert*-butylcatecholate],
[2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-bicyclo[2.2.1]-heptane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1,4-dimethyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-[1,4]diazepane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[1-methyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-cyclopentane] nickel(II) [3,5-di-*tert*-butylcatecholate],
[5-methyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-tetrahydrofuran] nickel(II) [3,5-di-*tert*-butylcatecholate],
[5-methyl-2-(2,6-di-*iso*-propylphenylimino)-3-(2,5-di-*tert*-butylphenylimino)-2,3-dihydrohydrofuran] nickel(II) [3,5-di-*tert*-butylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-methylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-methylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propylbenzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[benzenamine] cobalt(I) [3,5-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I) [3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I) [3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I) [3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I)
[3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine]
cobalt(I) [3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine]
cobalt(I) [3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine]
cobalt(I) [3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-benzenamine] cobalt(I) [3,6-
di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I)
[3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-methylbenzenamine] cobalt(I) [3,6-di-
tert-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I)
[3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I)
[3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I)
[3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-di-*iso*-propyl-4-
methylbenzenamine] cobalt(I) [3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine]
cobalt(I) [3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine]
cobalt(I) [3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propylbenzenamine] cobalt(I)
[3,6-di-*tert*-butylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[benzenamine] cobalt(I) [3,6-di-*tert*-
butylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I)
[3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-benzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propylbenzenamine] cobalt(I)
[3,6-di-*tert*-butyl-4-chlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[benzenamine] cobalt(I) [3,6-di-*tert*-butyl-
4-chlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I)
[3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-methylbenzenamine] cobalt(I) [3,6-di-
tert-butyl-4,5-dichlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I) [3,6-
di-*tert*-butyl-4,5-dichlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I) [3,6-
di-*tert*-butyl-4,5-dichlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I)
[3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine]
cobalt(I) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine]
cobalt(I) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine]
cobalt(I) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-benzenamine] cobalt(I) [3,6-
di-*tert*-butyl-4,5-dichlorocatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I)
[3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-methylbenzenamine] cobalt(I) [3,6-di-
tert-butyl-4,5-dichlorocatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I)
[3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I)
[3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I)
[3,6-di-*tert*-butyl-4,5-dichlorocatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],
N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],
N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],
N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[benzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dichlorocatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-methoxycatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-methoxycatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-methoxycatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-methoxycatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-methoxycatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-methoxycatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-methoxycatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-methoxycatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-methoxycatecholate],
N,N'-(2,6-pyridinediyldimethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-methoxycatecholate],
N,N'-(2,6-pyridinediyldimethylidyne)bis[2-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4-methoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I)
[3,6-di-*tert*-butyl-4-methoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I)
[3,6-di-*tert*-butyl-4-methoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I)
[3,6-di-*tert*-butyl-4-methoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine]
cobalt(I) [3,6-di-*tert*-butyl-4-methoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine]
cobalt(I) [3,6-di-*tert*-butyl-4-methoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine]
cobalt(I) [3,6-di-*tert*-butyl-4-methoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propylbenzenamine] cobalt(I)
[3,6-di-*tert*-butyl-4-methoxycatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[benzenamine] cobalt(I) [3,6-di-*tert*-butyl-
4-methoxycatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I)
[3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-methylbenzenamine] cobalt(I) [3,6-di-
tert-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I) [3,6-
di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I) [3,6-
di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I)
[3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine]
cobalt(I) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine]
cobalt(I) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine]
cobalt(I) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-benzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldimethylidyne)bis[2-*iso*-propylbenzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[benzenamine] cobalt(I) [3,6-di-*tert*-butyl-4,5-dimethoxycatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I) [4-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-methylbenzenamine] cobalt(I) [4-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I) [4-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I) [4-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I) [4-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine] cobalt(I) [4-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine] cobalt(I) [4-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine] cobalt(I) [4-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propylbenzenamine] cobalt(I) [4-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I) [4,5-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-methylbenzenamine] cobalt(I) [4,5-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I) [4,5-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I) [4,5-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I) [4,5-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine] cobalt(I) [4,5-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine] cobalt(I) [4,5-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propylbenzenamine] cobalt(I) [4,5-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I) [4-cyclohexylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-methylbenzenamine] cobalt(I) [4-cyclohexylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I) [4-cyclohexylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I) [4-cyclohexylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I) [4-cyclohexylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine] cobalt(I) [4-cyclohexylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine] cobalt(I) [4-cyclohexylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine] cobalt(I) [4-cyclohexylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propylbenzenamine] cobalt(I) [4-cyclohexylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I) [3,4,6-tri-*iso*-propylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-methylbenzenamine] cobalt(I) [3,4,6-tri-*iso*-propylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I) [3,4,6-tri-*iso*-propylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I) [3,4,6-tri-*iso*-propylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I) [3,4,6-tri-*iso*-propylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,4,6-tri-*iso*-propylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,4,6-tri-*iso*-propylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine] cobalt(I) [3,4,6-tri-*iso*-propylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propylbenzenamine] cobalt(I) [3,4,6-tri-*iso*-propylcatecholate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I) [3,6-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-methylbenzenamine] cobalt(I) [3,6-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I) [3,6-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I) [3,6-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I) [3,6-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,6-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine] cobalt(I) [3,6-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine] cobalt(I) [3,6-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propylbenzenamine] cobalt(I) [3,6-di-*iso*-propylcatecholate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I) [naphthalene-2,3-diolate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2-methylbenzenamine] cobalt(I) [naphthalene-2,3-diolate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I) [naphthalene-2,3-diolate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I) [naphthalene-2,3-diolate],

N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I) [naphthalene-2,3-diolate],

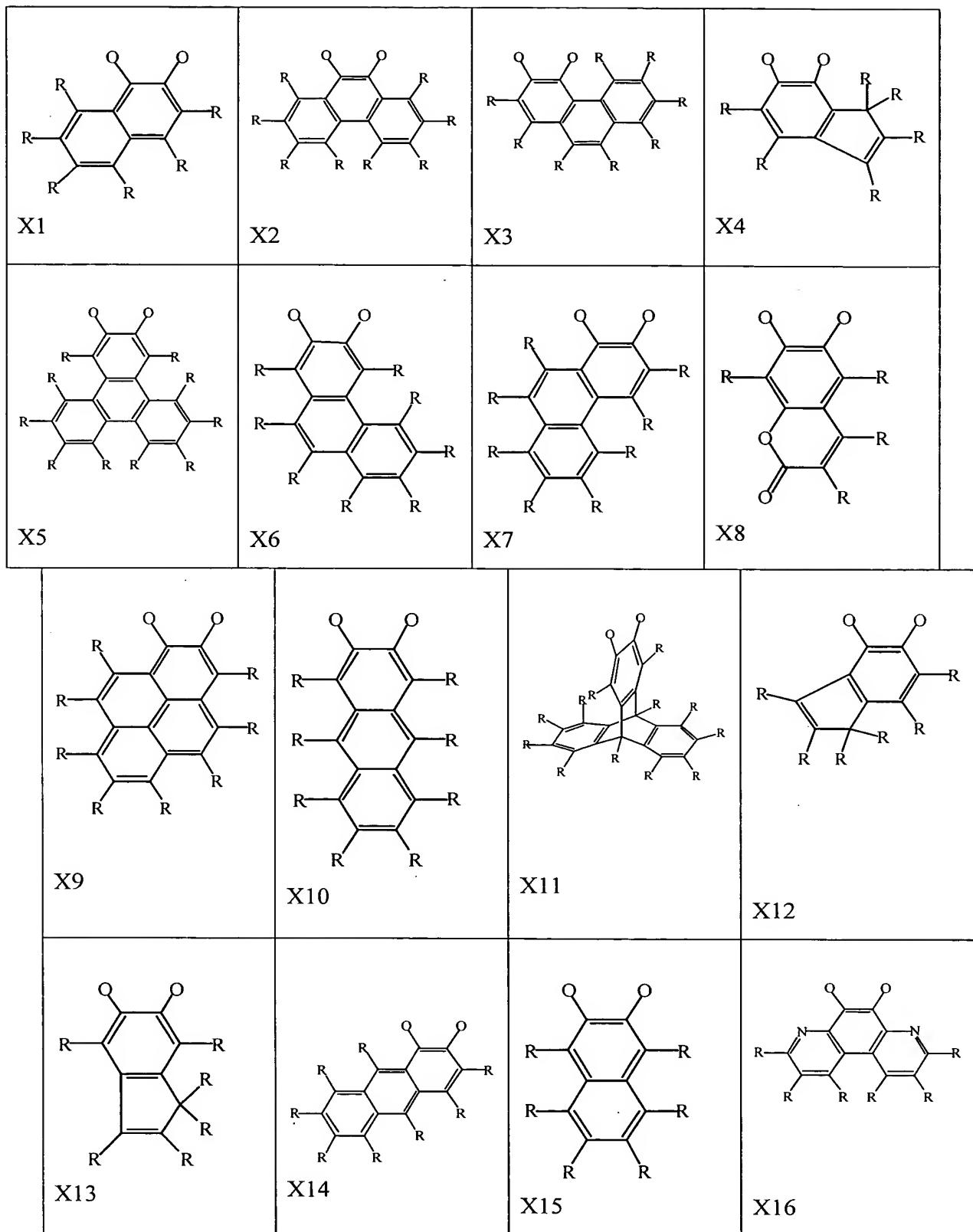
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine] cobalt(I) [naphthalene-2,3-diolate],

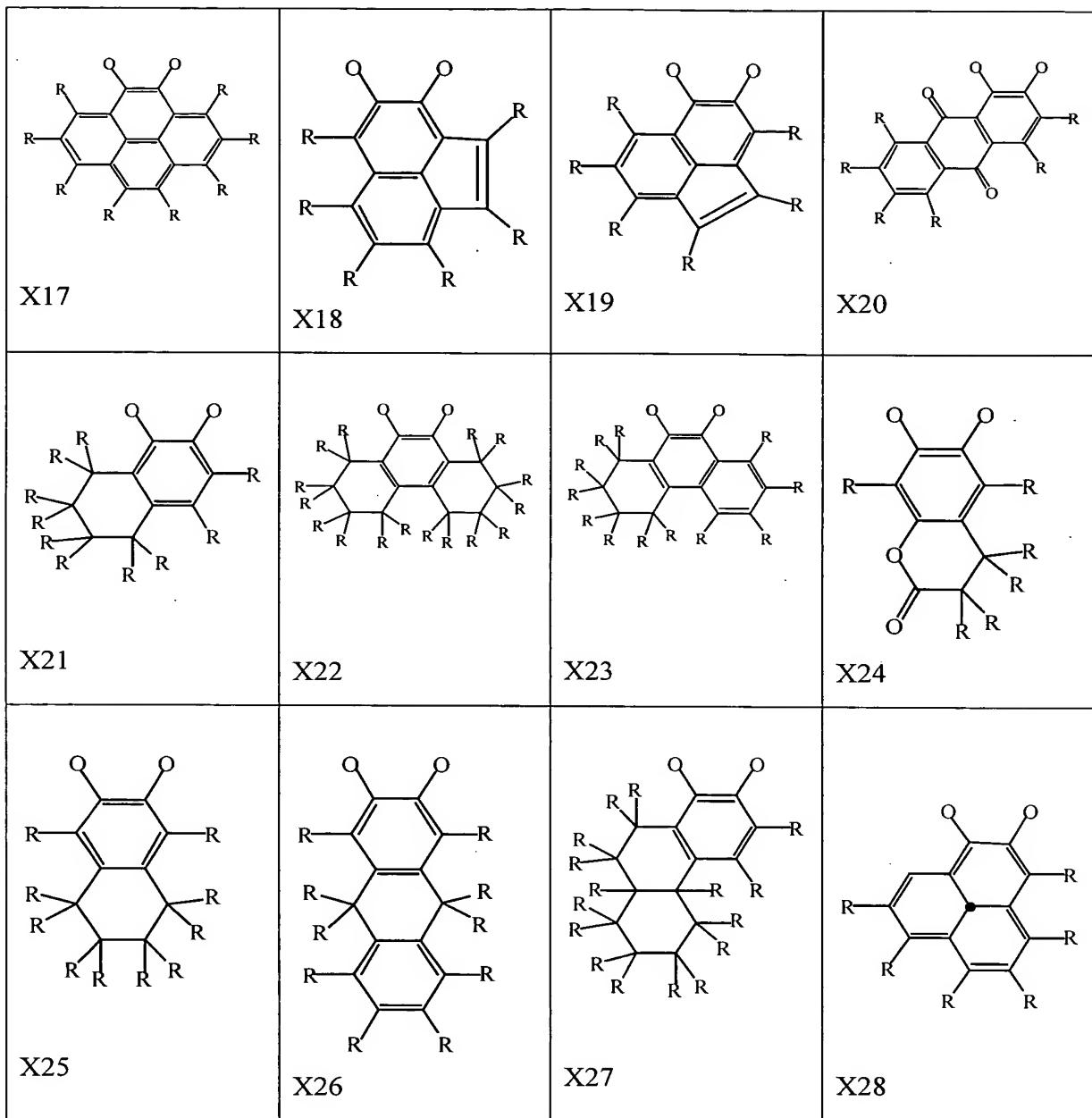
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine] cobalt(I) [naphthalene-2,3-diolate],

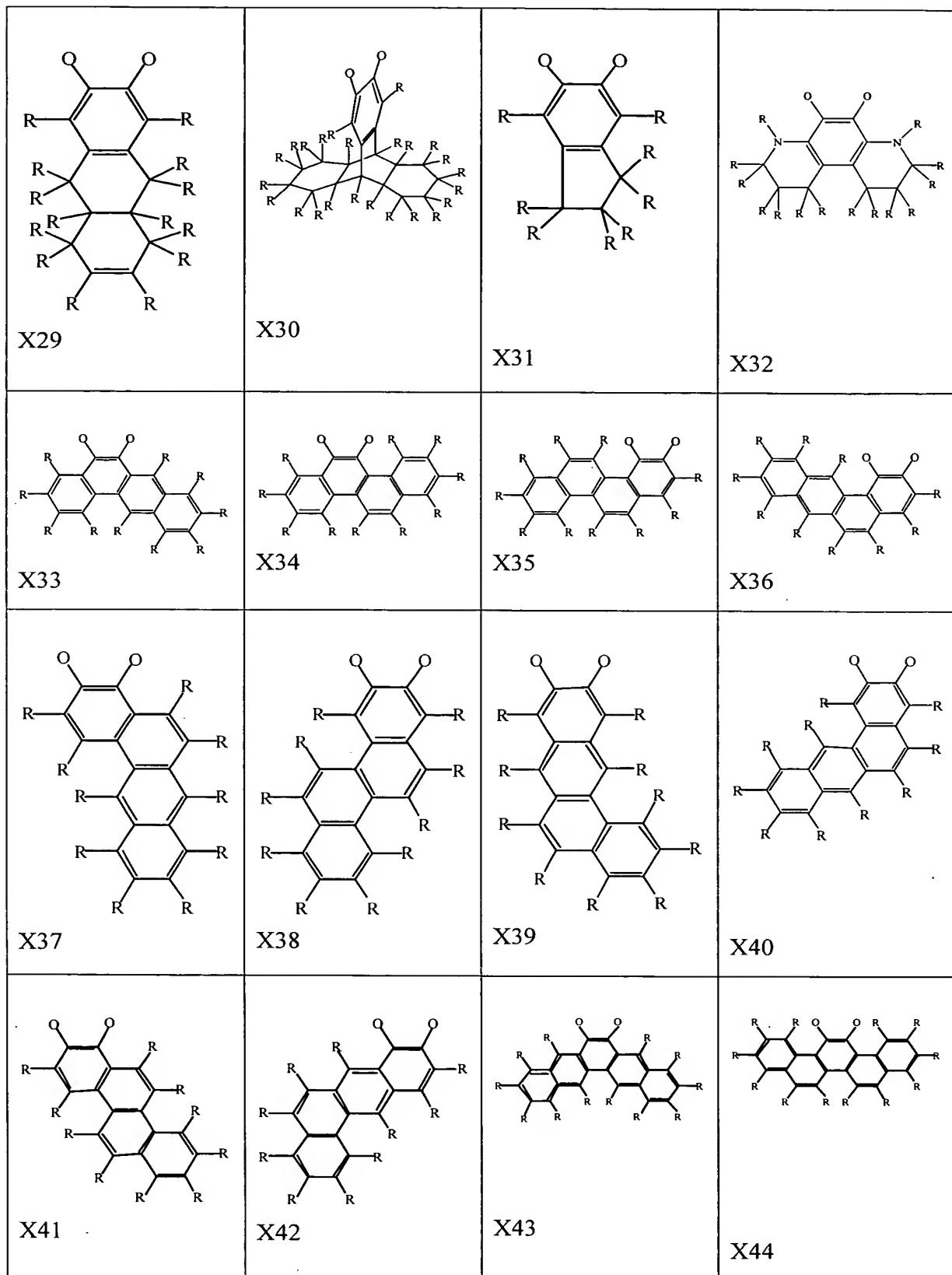
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine] cobalt(I) [naphthalene-2,3-diolate],

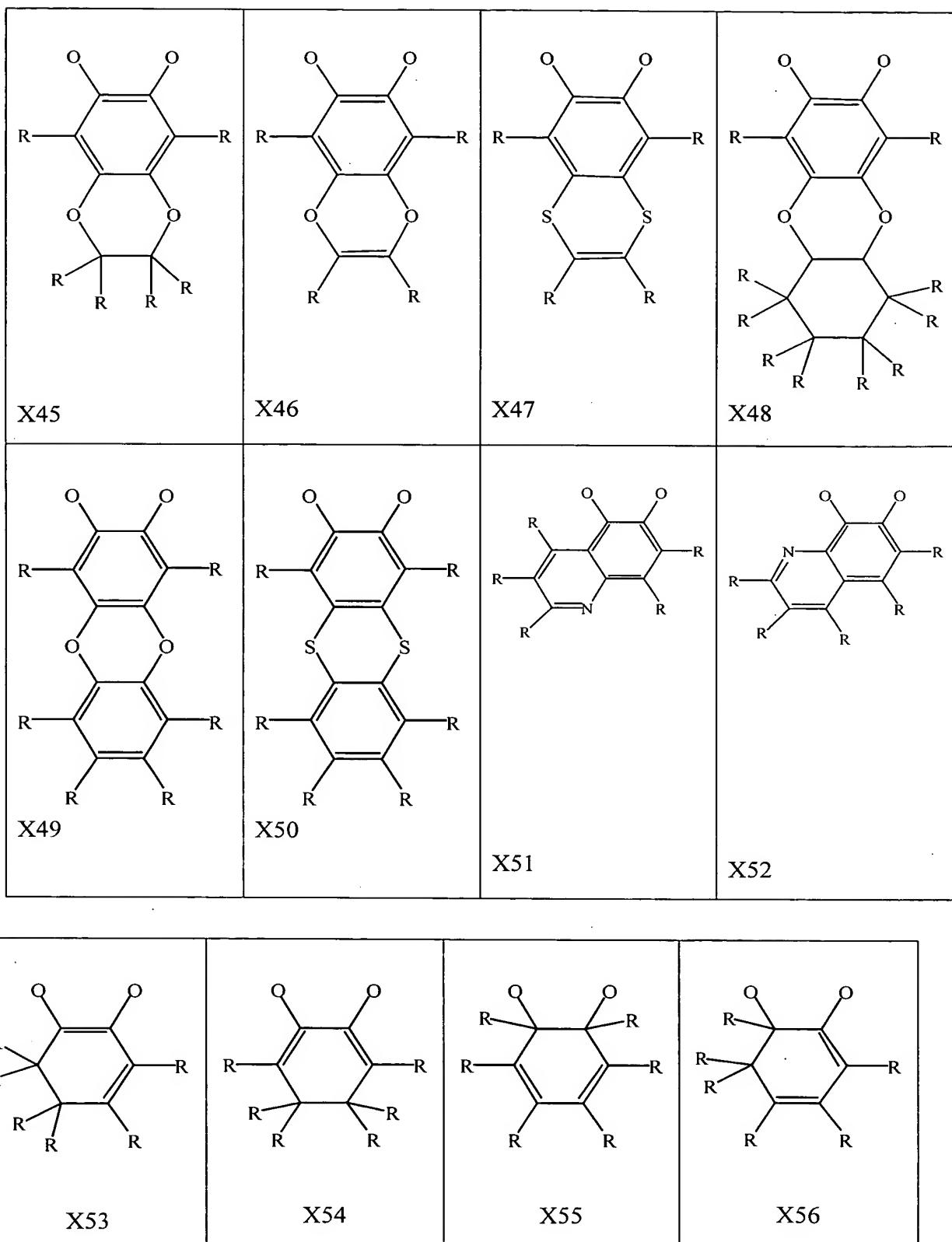
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-benzenamine] cobalt(I)
[naphthalene-2,3-diolate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4,6-trimethylbenzenamine] cobalt(I)
[phenanthrene-9,10-diolate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-methylbenzenamine] cobalt(I)
[phenanthrene-9,10-diolate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-dimethylbenzenamine] cobalt(I)
[phenanthrene-9,10-diolate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,4-dimethylbenzenamine] cobalt(I)
[phenanthrene-9,10-diolate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propylbenzenamine] cobalt(I)
[phenanthrene-9,10-diolate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2,6-di-*iso*-propyl-4-methylbenzenamine]
cobalt(I) [phenanthrene-9,10-diolate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-4-methylbenzenamine]
cobalt(I) [phenanthrene-9,10-diolate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-6-methylbenzenamine]
cobalt(I) [phenanthrene-9,10-diolate],
N,N'-(2,6-pyridinediyldiethylidyne)bis[2-*iso*-propyl-benzenamine] cobalt(I)
[phenanthrene-9,10-diolate],
or any of the above compounds where "cobalt(I)" is replaced with platinum(II),
palladium(II), nickel(II), iron(II), copper(I), or cobalt(II) and where "nickel(II)" is
replaced with platinum(II), palladium(II), cobalt(I), iron(II), copper(I), or
cobalt(II).

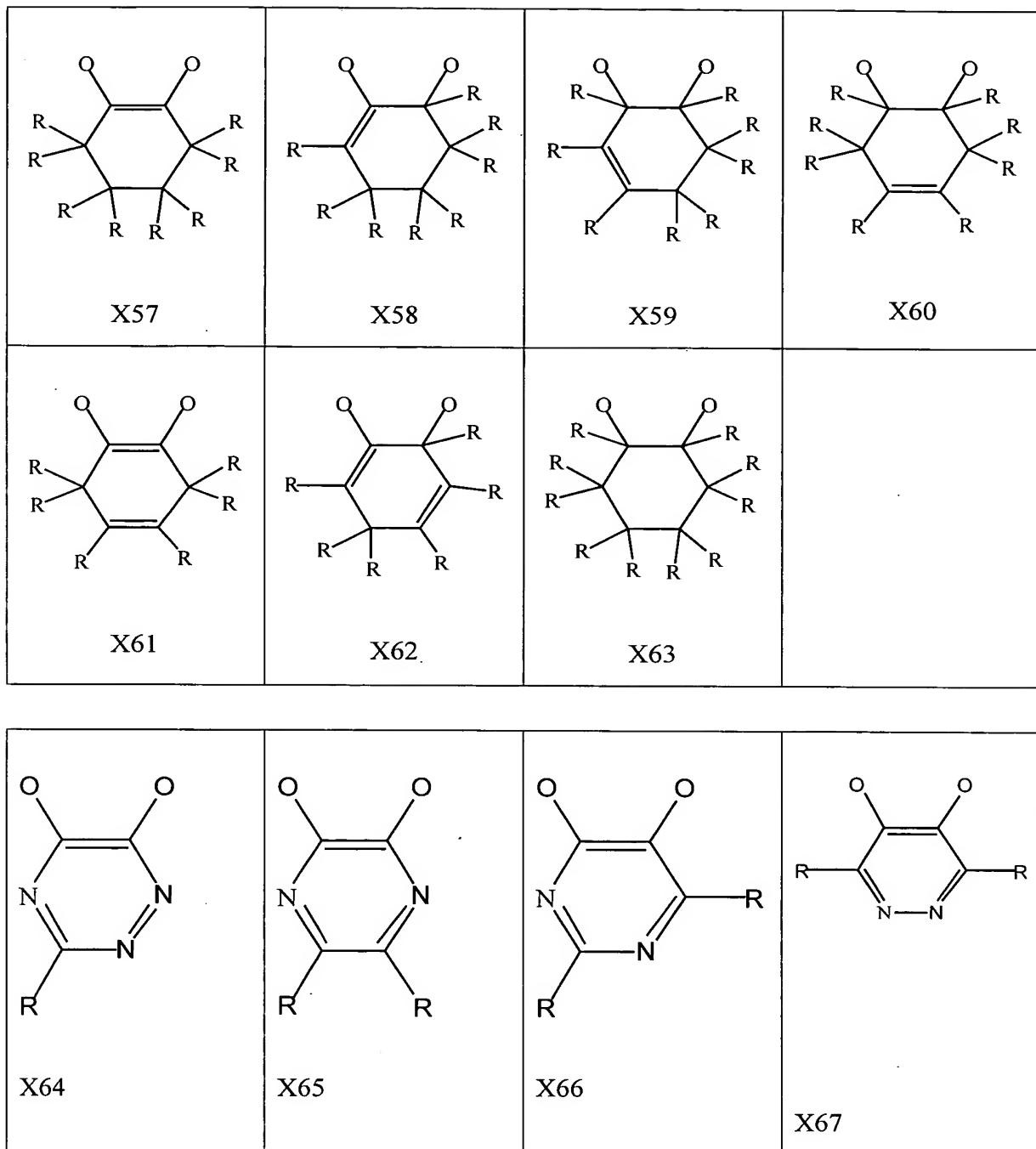
16. (Currently Amended) The compound of ~~any of claims 1 to 13~~ claim 1
where X is represented by the formulae:

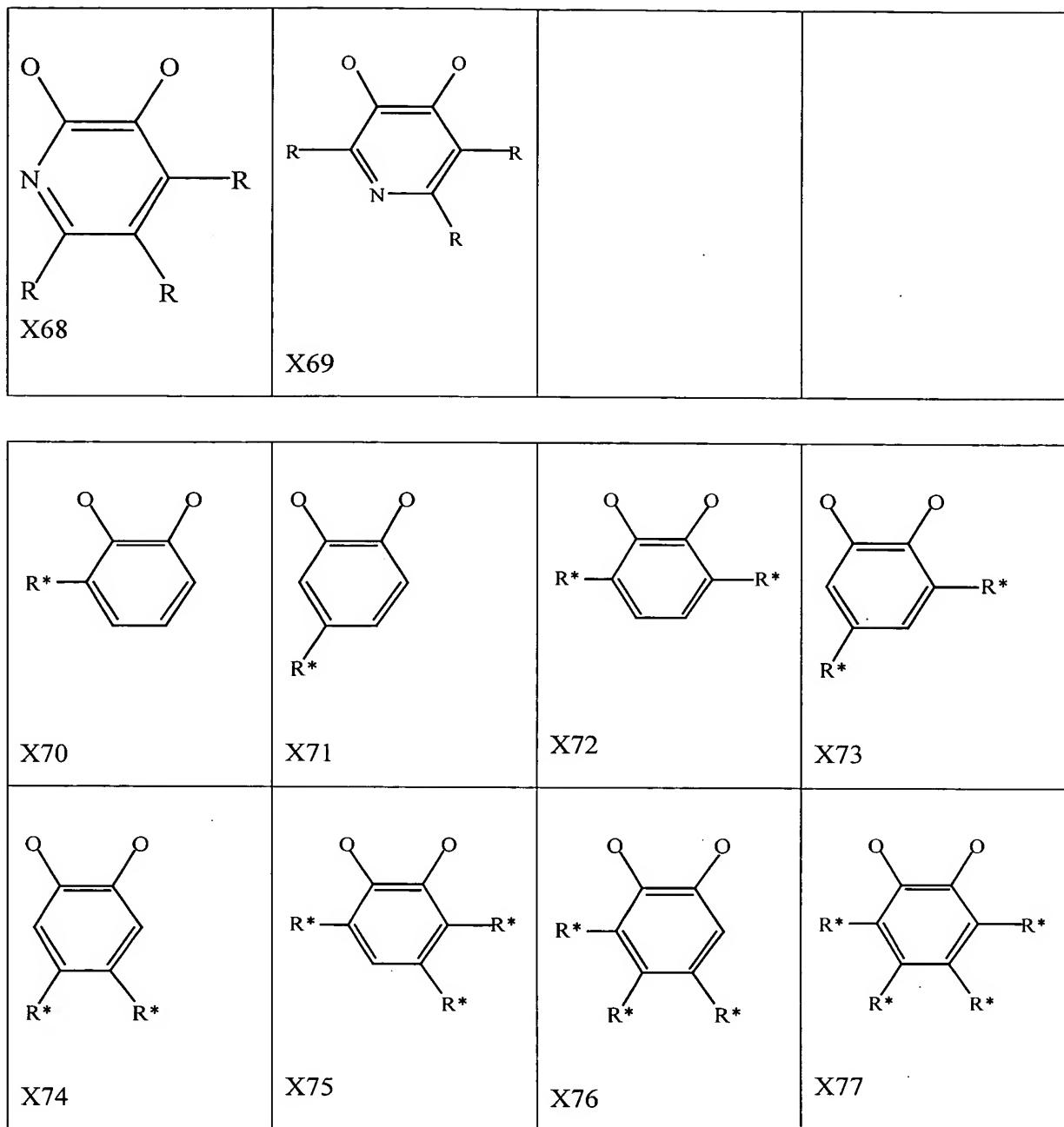


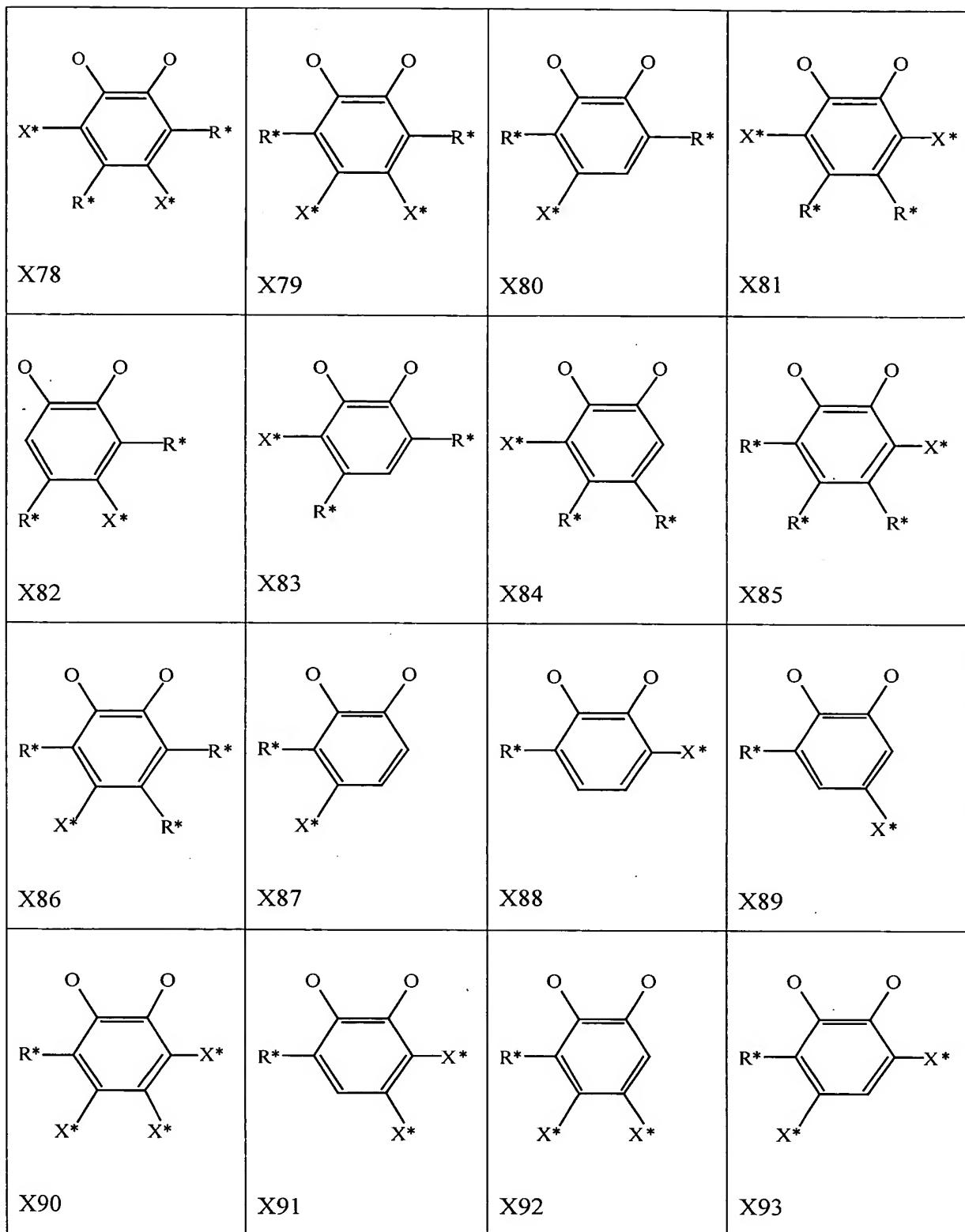


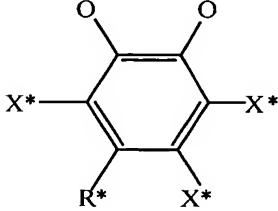
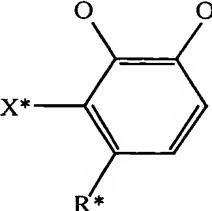
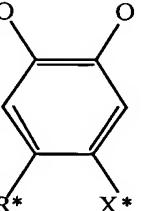
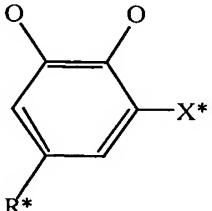
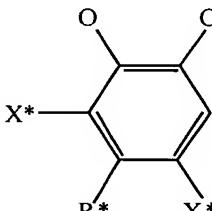
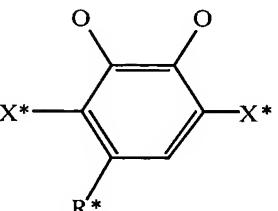
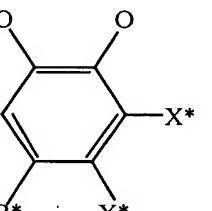










 X94	 X95	 X96	 X97
 X98	 X99	 X100	

where each R is, independently, selected from the group consisting of hydrogen, methyl, ethyl, ethenyl, ethynyl and all isomers of propyl, butyl, pentyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl, dodecyl, tridecyl, tetradecyl, pentadecyl, hexadecyl, heptadecyl, octadecyl, nonadecyl, eicosyl, heneicosyl, docosyl, tricosyl, tetracosyl, pentacosyl, hexacosyl, heptacosyl, octacosyl, nonacosyl, triacontyl, propenyl, butenyl, pentenyl, hexenyl, heptenyl, octenyl, nonenyl, decenyl, undecenyl, dodecenyl, tridecenyl, tetradecenyl, pentadecenyl, hexadecenyl, heptadecenyl, octadecenyl, nonadecenyl, eicosenyl, heneicosenyl, docosenyl, tricosenyl, tetracosenyl, pentacosenyl, hexacosenyl, heptacosenyl, octacosenyl, nonacosenyl, triacontenyl, propynyl, butynyl, pentynyl, hexynyl, heptynyl, octynyl, nonynyl, decynyl, undecynyl, dodecynyl, tridecynyl, tetradecynyl, pentadecynyl, hexadecynyl, heptadecynyl, octadecynyl, nonadecynyl, eicosynyl, heneicosynyl, docosynyl, tricosynyl, tetracosynyl, pentacosynyl, hexacosynyl, heptacosynyl, octacosynyl, nonacosynyl, and

triacontynyl, phenyl, napthyl, anthracenyl, pyrenyl, biphenyl, benzyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclooctyl, cyclononyl, cyclodecyl, cycloundecyl, cyclododecyl, fluoro, chloro, bromo, iodo, trimethylsilyl, triethylsilyl, tripropylsilyl, dimethylethylsilyl, diethylmethylsilyl, trimethoxysilyl, tirethoxysilyl, tripropoxysilyl, methoxy, ethoxy, propoxy, butoxy, phenoxy, or a nitro, carboxylic acid, ester, ketone (excluding 1,2-diketones) or aldehyde group, provided that two R groups can connect to form substituted or unsubstituted, saturated, partially unsaturated or aromatic ring structures; and each X* is, independently, F, Cl, Br, I, OR**, SR**, NR**₂, PR**₂, or NO₂; and each R* and each R** are, independently, selected from the group consisting of methyl, ethyl, *n*-propyl, *iso*-propyl, *n*-butyl, *sec*-butyl, *tert*-butyl, and cyclohexyl.

17. (Original) The compound of claim 16, where R* is *tert*-butyl or *iso*-propyl, R** is methyl, and X* is F, Cl, Br or OR**.
18. (Original) The compound of claim 1 where each X is independently selected from the group consisting of ZETA-CATACHOLATES.
19. (Original) The composition of claim 1 where each X is independently selected from the group consisting of THETA-CATACHOLATES.
20. (Original) A catalyst system comprising an activator and the compound of claim 1.
21. (Original) The catalyst system of claim 20 wherein the activator comprises an alumoxane and or a modified alumoxane.
22. (Original) The catalyst system of claim 20 wherein the activator comprises methyl alumoxane and or modified methyl alumoxane.

23. (Original) The catalyst system of claim 20 wherein the activator comprises [Me₂PhNH][B(C₆F₅)₄], [Ph₃C][B(C₆F₅)₄], [Me₂PhNH][B((C₆H₃-3,5-(CF₃)₂))₄], [Ph₃C][B((C₆H₃-3,5-(CF₃)₂))₄], [Bu₃NH][BF₄], [NH₄][PF₆], [NH₄][SbF₆], [NH₄][AsF₆], [NH₄][B(C₆H₅)₄], B(C₆F₅)₃ and/or B(C₆H₅)₃.
24. (Original) The catalyst system of claim 20 wherein the activator is an ionic stoichiometric activator compound.
25. (Original) The catalyst system of claim 20 wherein the activator is a neutral stoichiometric activator compound.
26. (Original) The catalyst system of claim 20 wherein the activator is a non-coordinating anion.
27. (Original) The catalyst system of claim 20 wherein the activator is selected from the group consisting of: trimethylammonium tetraphenylborate, triethylammonium tetraphenylborate, tripropylammonium tetraphenylborate, tri(*n*-butyl)ammonium tetraphenylborate, tri(*tert*-butyl)ammonium tetraphenylborate, N,N-dimethylanilinium tetraphenylborate, N,N-diethylanilinium tetraphenylborate, N,N-dimethyl-(2,4,6-trimethylanilinium) tetraphenylborate, trimethylammonium tetrakis(pentafluorophenyl)borate, triethylammonium tetrakis(pentafluorophenyl)borate, tripropylammonium tetrakis(pentafluorophenyl)borate, tri(*n*-butyl)ammonium tetrakis(pentafluorophenyl)borate, tri(*sec*-butyl)ammonium tetrakis(pentafluorophenyl)borate, N,N-dimethylanilinium tetrakis(pentafluorophenyl)borate, N,N-diethylanilinium tetrakis(pentafluorophenyl)borate, N,N-dimethyl-(2,4,6-trimethylanilinium) tetrakis(pentafluorophenyl)borate, trimethylammonium tetrakis-(2,3,4,6-tetrafluorophenyl) borate,

triethylammonium tetrakis-(2,3,4,6-tetrafluorophenyl)borate,
tripropylammonium tetrakis-(2,3,4,6-tetrafluorophenyl)borate, tri(*n*-butyl)ammonium tetrakis-(2,3,4,6-tetrafluorophenyl)borate, dimethyl(*tert*-butyl)ammonium tetrakis-(2,3,4,6-tetrafluorophenyl)borate, N,N-dimethylanilinium tetrakis-(2,3,4,6-tetrafluorophenyl)borate, N,N-diethylanilinium tetrakis-(2,3,4,6-tetrafluorophenyl)borate, N,N-dimethyl-(2,4,6-trimethylanilinium) tetrakis-(2,3,4,6-tetrafluorophenyl)borate,
trimethylammonium tetrakis(perfluoronaphthyl)borate, triethylammonium tetrakis(perfluoronaphthyl)borate, tripropylammonium tetrakis(perfluoronaphthyl)borate, tri(*n*-butyl)ammonium tetrakis(perfluoronaphthyl)borate, tri(*tert*-butyl)ammonium tetrakis(perfluoronaphthyl)borate, N,N-dimethylanilinium tetrakis(perfluoronaphthyl)borate, N,N-diethylanilinium tetrakis(perfluoronaphthyl)borate, N,N-dimethyl-(2,4,6-trimethylanilinium) tetrakis(perfluoronaphthyl)borate,
trimethylammonium tetrakis(perfluorobiphenyl)borate, triethylammonium tetrakis(perfluorobiphenyl)borate, tripropylammonium tetrakis(perfluorobiphenyl)borate, tri(*n*-butyl)ammonium tetrakis(perfluorobiphenyl)borate, tri(*tert*-butyl)ammonium tetrakis(perfluorobiphenyl)borate, N,N-dimethylanilinium tetrakis(perfluorobiphenyl)borate, N,N-diethylanilinium tetrakis(perfluorobiphenyl)borate, N,N-dimethyl-(2,4,6-trimethylanilinium) tetrakis(perfluorobiphenyl)borate,
trimethylammonium tetrakis(3,5-bis(trifluoromethyl)phenyl)borate, triethylammonium tetrakis(3,5-bis(trifluoromethyl)phenyl)borate, tripropylammonium tetrakis(3,5-bis(trifluoromethyl)phenyl)borate, tri(*n*-butyl)ammonium tetrakis(3,5-bis(trifluoromethyl)phenyl)borate, tri(*tert*-butyl)ammonium tetrakis(3,5-bis(trifluoromethyl)phenyl)borate, N,N-dimethylanilinium tetrakis(3,5-bis(trifluoromethyl)phenyl)borate, N,N-diethylanilinium tetrakis(3,5-bis(trifluoromethyl)phenyl)borate, N,N-dimethyl-(2,4,6-trimethylanilinium) tetrakis(3,5-bis(trifluoromethyl)phenyl)borate, di-(*iso*-propyl)ammonium

tetrakis(pentafluorophenyl)borate, and dicyclohexylammonium
tetrakis(pentafluorophenyl)borate, tri(o-tolyl)phosphonium
tetrakis(pentafluorophenyl)borate, tri(2,6-dimethylphenyl)phosphonium
tetrakis(pentafluorophenyl)borate, tropillium tetraphenylborate,
triphenylcarbenium tetraphenylborate, triphenylphosphonium
tetraphenylborate, triethylsilylium tetraphenylborate,
benzene(diazonium)tetraphenylborate, tropillium
tetrakis(pentafluorophenyl)borate, triphenylcarbenium
tetrakis(pentafluorophenyl)borate, triethylsilylium
tetrakis(pentafluorophenyl)borate, benzene(diazonium)
tetrakis(pentafluorophenyl)borate, tropillium tetrakis-(2,3,4,6-
tetrafluorophenyl)borate, triphenylcarbenium tetrakis-(2,3,4,6-
tetrafluorophenyl)borate, triphenylphosphonium tetrakis-(2,3,4,6-
tetrafluorophenyl)borate, triethylsilylium tetrakis-(2,3,4,6-
tetrafluorophenyl)borate, benzene(diazonium) tetrakis-(2,3,4,6-
tetrafluorophenyl)borate, tropillium tetrakis(perfluoronaphthyl)borate,
triphenylcarbenium tetrakis(perfluoronaphthyl)borate,
triphenylphosphonium tetrakis(perfluoronaphthyl)borate, triethylsilylium
tetrakis(perfluoronaphthyl)borate, benzene(diazonium)
tetrakis(perfluoronaphthyl)borate, tropillium
tetrakis(perfluorobiphenyl)borate, triphenylcarbenium
tetrakis(perfluorobiphenyl)borate, triphenylphosphonium
tetrakis(perfluorobiphenyl)borate, triethylsilylium
tetrakis(perfluorobiphenyl)borate, benzene(diazonium)
tetrakis(perfluorobiphenyl)borate, tropillium tetrakis(3,5-
bis(trifluoromethyl)phenyl)borate, triphenylcarbenium tetrakis(3,5-
bis(trifluoromethyl)phenyl)borate, triphenylphosphonium tetrakis(3,5-
bis(trifluoromethyl)phenyl)borate, triethylsilylium tetrakis(3,5-
bis(trifluoromethyl)phenyl)borate, and benzene(diazonium) tetrakis(3,5-
bis(trifluoromethyl)phenyl)borate.

28. (Original) The catalyst system of claim 20 or 27 further comprising a co-activator.
29. (Original) A composition comprising the compound of claim 1 and a support.
30. (Original) A composition comprising the catalyst system of claim 20 or 27 and a support.
31. (Currently Amended) The composition of claim 29 ~~or 30~~ where the support comprises one or more Group-2, -3, -4, -5, -13, or -14 metal or metalloid oxides.
32. (Currently Amended) The composition of claim 29 ~~or 30~~ where the support comprises silica, alumina, silica-alumina, or mixtures thereof.
33. (Currently Amended) The composition of claim 29 ~~or~~ 30 where the support is silica.
34. (Original) A method to polymerize an unsaturated monomer comprising contacting the monomer with the catalyst system of claim 20 or 27.
35. (Currently Amended) A method to polymerize an unsaturated monomer comprising contacting the monomer with the composition of claim 29 ~~or~~ 30.
36. (Original) A method to oligomerize an unsaturated monomer comprising contacting the monomer with the catalyst system of claim 20 or 27.
37. (Currently Amended) A method to oligomerize an unsaturated monomer comprising contacting the monomer with the composition of claim 29 ~~or~~ 30.

38. (Original) The method of claim 20 or 27 where the monomer comprises one or more C₂ to C₁₀₀ olefins.
39. (Currently Amended) The method of claim 29 ~~or 30~~ where the monomer comprises one or more of ethylene, propylene, butene, pentene, hexene, heptene, octene, nonene, decene, dodecene, 4-methylpentene-1, 3-methylpentene-1, 3,5,5-trimethylhexene-1, and 5-ethylnonene-1.
40. (Original) The method of claim 34 where the monomer comprises ethylene.
41. (Original) The method of claim 35 where the monomer comprises propylene.
42. (Original) The transition metal compound of claim 1 wherein M is nickel, the compound is dimagnetic and the coordination sphere of the compound is arranged in a square planar geometry.
43. (Currently Amended) The compound of claim 1 wherein ~~is~~ L is selected from the group consisting of IOTA-LIGANDS.
44. (Original) A catalyst system comprising the compound of claim 42 or 43, an activator and support.
45. (Original) A method to oligomerize or polymerize an unsaturated monomer comprising contacting the monomer with the catalyst system of claim 44.
46. (Original) The method of claim 45 wherein the monomer comprises one or more norbornenes, substituted norbornenes, cyclopentadienyls or substituted cyclopentene.